HOME OWNERS: SPRING PLANNING AND PLANTING ISSUE

Flower Grower

The HOME GARDEN MAGAZINE

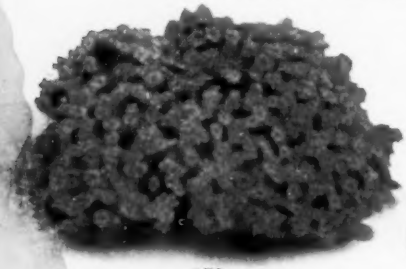
MARCH 1959 35 CENTS

ROCKNOLL'S

Magnificent

CREEPING PHLOX

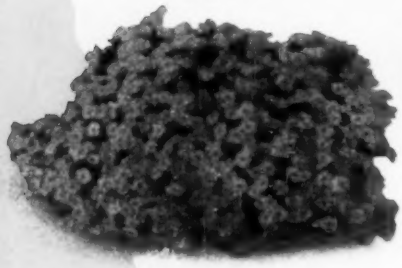
(PHLOX SUBULATA OR MOSS PHLOX)



RED

ROSE

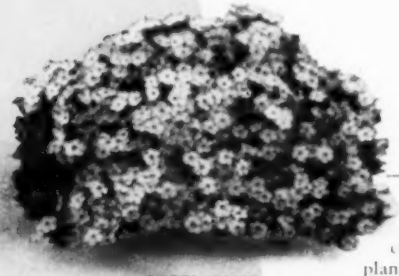
8 PLANTS FOR $1.00 ASSORTED COLORS



WINE RED

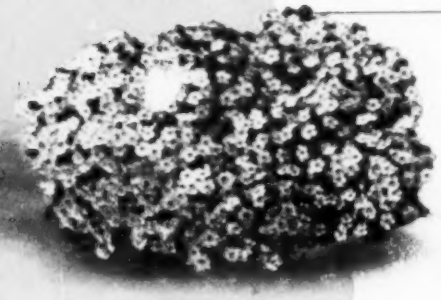
Order Rocknoll's magnificent creeping phlox *subulata* for a glorious early spring rainbow display that lasts for weeks. It forms blankets of many colors, over large or small areas of rock gardens, beds and borders. Phlox *subulata* is one of the nation's great favorites, and these improved strains show it at its best. As versatile as it is beautiful, this sturdy evergreen plant thrives in average sunny garden soil. In cooler areas, some blooms appear all summer long, even into fall. Really fine field-grown plants at bargain prices. Plant early for best results, 8 to 12 inches apart. Ready now, sent when you say. Order at once on the coupon below. *Ask for FREE 48-page hardy plant guide and spring catalog.*

PINK



STEEL BLUE

SPECIAL for early orders. Send $2 and this coupon and get 16 assorted plants of six colors, PLUS 2 new Crimson Beauty Phlox FREE!



WHITE

ORDER TODAY

ROCKNOLL NURSERY

Dept. 15, Morrow, Ohio

Please send me

- ☐ 8 plants of Rocknoll's Creeping Phlox, for which I enclose $1 plus 10c to help cover cost of handling.
- ☐ 16 plants of Rocknoll's Creeping Phlox and 2 new Crimson Beauty Phlox, for which I enclose $2 plus 20c to help cover cost of handling.
- ☐ FREE 48-page hardy plant guide and spring catalog.

Double orders allowed. C. O. D. orders accepted.

NAME _____

ADDRESS _____

CITY & ZONE _____ STATE _____

What's Wrong with My Soil?

HOW to Make Everything Grow Better

In 10 minutes you can know more about your soil than from a lifetime of gardening! This amazing **Sudbury Soil Test Kit** tells just what plant foods the soil needs to give you the best garden you've ever had. No one can tell by looking at soil what it lacks. There's only one way to know—test your soil! Your flowers will be bigger, more beautiful, more colorful and fragrant than ever before. It even helps house plants grow better. You'll have more delicious vegetables, full of minerals and vitamins—and more of them. Your shrubs will be more luxuriant, the lawn rich, lush and velvety green all season long, so dense that crabgrass and weeds cannot grow.

Takes the Guesswork Out of Gardening

It's so simple, so easy to use—yet more important than the best plants and seeds. This Soil Test Kit will greatly increase your reward from all the time and effort spent on your hobby, bringing more garden enjoyment and saving valuable plants that otherwise would die. Just using lots of fertilizer isn't enough—the wrong kind can do more harm than good. A few favorite plants saved will more than pay for your Kit!

$6.98

HORTICULTURAL KIT

For those whose garden is their hobby. Lifetime welded steel chest with carrying handle; weighs only 9½ lbs. Simple, easy directions; charts show needs of 225 different flowers, vegetables, fruits, etc. Makes over 150 tests for nitrogen, phosphorus and potash. Also whether lime is needed (pH), and how much. See picture below.
Big value, low cost—only $15.95!

NEW FLOWER GARDEN KIT

Especially designed for the small garden. Handsome, durable laminated foil case, stainproof. Makes 50 tests for nitrogen, phosphorus, potash, lime (acidity). Complete in every way. Easy-to-follow directions. Charts list 125 different flowers, vegetables, etc. **Only $6.98!**

Easy as Reading a Thermometer

You get the right answer right away! You'll know what kind of fertilizer to use and how much, for every kind of plant you want to grow. All Sudbury Soil Test Kit gardeners have a "green thumb"—they never make a mistake. Don't take a chance—take a test! ***Order your Sudbury Soil Test Kit today!***

SUPER deLUXE KIT

The best! Handsome, streamline, welded steel chest, with 12 times as much testing solutions. More and larger equipment, yet weighs only 12½ lbs. Most economical to use. Favorite of leading gardeners, florists, nurserymen. **Only $29.95!**

No Knowledge of Chemistry Needed

Even your first tests will be accurate and reliable. Test your soil anytime, anywhere—in kitchen, garage, cellar or right out in the garden. Costs less than 10c a test. First aid to amateurs, the expert's guide to prize-winning blooms.

BETTER GARDEN GUARANTEE

You can't lose—even next fall, if you haven't had a better garden you may return the Kit for full refund. Don't risk being without a ***Sudbury Soil Test Kit*** this year.

FREE TRIAL Your Soil Tests cost you nothing unless you are completely satisfied; otherwise return Kit in 10 days and we'll refund purchase price.

SEND NO MONEY—Order C. O. D. plus postage—or send check and we'll mail prepaid, saving you from 50c to $3.55 postal charges.

TEST YOUR SOIL FREE!

SUDBURY LABORATORY, Box 73M, South Sudbury, Mass.
Send me the Sudbury Soil Test Kits ordered by return mail:

....	**Horticultural Kits**	@	**$15.95 each**
.....	**New Flower Garden Kits**	@	**$6.98 each**
	Super deLuxe Kits	@	**$29.95 each**

☐ Enclosed is $..... Send postpaid. ☐ Send C.O.D. plus postage.

Name.....
St. or R. D.....
City..... Zone.... State.....

Dealers: Write for Special Offer

SUDBURY Soil Test Kit

SUDBURY LABORATORY, Box 73M, South Sudbury, Mass.

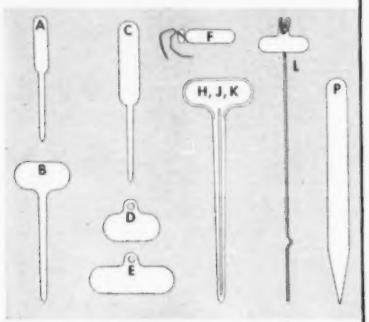
Lifetime Markers!

PLASTIC MARKERS THAT TAKE THE GUESSWORK OUT OF GARDENING!

Save time, add smart interest to your garden. Visitors appreciate correct identification of your plants, flowers, shrubs and trees without having to ask.

LIFETIME MARKERS are durable, heavy, white plastic. Clean, neat, guaranteed weatherproof. Can be used over and over again. Pencil markings stay until removed by scouring powder and damp cloth.

Preferred by the Professionals!



SIZES AND STYLES

A—4½" Vertical Stake
B—2" x 5" Tee Stake
C—6" Vertical Stake
D—1" x 2" Horizontal Tie-on Tag
E—1" x 3" Horizontal Tie-on Tag
F—½" x 2" Notched Tie-on Tag
H—2½" x 8" Tee Stake
J—3" x 12" Tee Stake
K—4½" x 18" Tee Stake
L—18" Galvanized Spring Steel Stake with an E Tag.
P—1" x 12" Vertical Stake

Style	POSTPAID QUANTITY PRICES		
	50	100	500
A	....	$1.25	$5.50
B	$2.00	2.75	11.00
C	1.50	2.25	10.00
D	1.35	2.00	9.00
E	1.60	2.40	10.50
F	....	1.25	5.00
H	3.00	5.00	21.00
J	5.40	9.00	37.50
K	8.00	15.00	67.50
L	5.60	9.40	40.50
P	4.00	7.00	26.00

SAMPLE ASSORTMENT $1.00 *(Postpaid)*
10 each of A, C, D, F and 5 each of B and H. Tie-on wires included.
NO C. O. D.'S, PLEASE

LIFETIME MARKERS
DEPT. 2A BOX No. 158
MILFORD, MICHIGAN

FAR WEST: Lifetime, 1864 S. 120th St., Seattle 88, Washington
CANADA:
C. A. Cruickshank, 1015 Mt. Pleasant Road, Toronto 12, Ontario

March 1959 Vol. 46, No. 3

Flower Grower

the HOME GARDEN magazine

Cover: Photograph for FLOWER GROWER by Molly Adams

PLANNING THE GARDEN

48 Guide to foundation planting, *by John Burton Brimer*
68 Vegetables—growing them is fun, *by Jean Hersey*
72 Perennial garden? Easy, *by Ruth Gannon*
78 Five steps to better lawns, *by F. F. Rockwell*
82 Annuals are so colorful, *by Margaret Ohlander*
98 Start tuberous begonias early, *by John J. Simpkins*
99 A lath house for tuberous begonias

FOR ALL GARDENERS

31 How to train the young shade tree, *by R. Milton Carleton*
34 Williamsburg benches beckon to you!
39 Tips on growing dwarf fruit trees, *by John Krill*
41 Choose gladiolus, *by Martha Pratt Haislip*
64 All-America Winners for 1959
88 Peat pots: Less transplanting work
90 Life stirs in the March garden, *by Clifton Lisle*
95 How to make a pygmy water-lily pool, *by John Krill*
109 A new approach to gardening without soil, *by L. L. Baumgartner*
111 Better tools for better soil, *by William L. Meachem*

GARDENERS INDOORS

37 Books for Gardeners
97 The Home Greenhouse
100 Spotlight on rhubarb, *by Patti Altland*

DEPARTMENTS

4 . . . Readers' Own Corner
6 . . . . . Garden Events
8 . . . . . Northern Pointers
14 . . . . Southern Ramblings
22 . . . . . Midwest Pointers
26 . . . . West Coast Pointers
30 . . . . Northwest Pointers
66 . . Plants Out-of-the-Ordinary
103 . . . The Kitchen Gardener
114 . . . . . General Store

MONTAGUE FREE *Senior Editors* F. F. ROCKWELL
JOHN R. WHITING, *Editor and Publisher*
MARJORIE JOHNSON DIETZ, *Managing Editor*
Associate Editors
WILLIAM L. MEACHEM, *Tools & Equipment* MARGARET C. OHLANDER, *Plants*
Consulting Editors: T. H. EVERETT, HELEN S. HULL
Contributing Editors: JAMES H. BEALE, JOHN BURTON BRIMER, R. MILTON CARLETON, MARGET COCHRANE COLE, BEN ARTHUR DAVIS, NORVELL GILLESPIE, MARK TAYLOR, C. W. WOOD
DON S. FEDER, *Production Editor* ALLIANORA ROSSE, *Staff Illustrator*
Editorial Assistants: MARGARET PERRY, MICHAEL D. ROSSE
Editorial Secretaries: HELEN LISHNER, SHIRLEY R. SCHACHT
ERNEST G. SCARFONE, *Art Director*

ROBERT G. MINER, *Advertising Director and Assistant Publisher*
SPENCER B. BEACH, *Advertising Service Manager* FRANCES B. ROBERTS, *Merchandising*
Associate Advertising Managers: GORDON BENNETT, *Middle Atlantic;* ERNA W. CASS, *General Store Shopping;* BEVAN FOUNTAIN, *New England*
J. DONALD HARRISON, *Business Manager* IVA DUGAN, *Advertising Production*

Circulation and Production Offices: 99 N. Broadway, Albany 1, N. Y.
Editorial and Advertising Offices: 2049 Grand Central Terminal, New York 17, N. Y.
Advertising Representatives
Midwest: Cole, Mason & Deming, 737 North Michigan Avenue, Chicago 11, Illinois
South: John M. Printup, Langford Building, Miami 32, Florida
R. W. Jones, John M. Printup and Associates, 2607 Milmar Drive, Dallas 28, Tex.
West Coast: Conaway-Klaner-Vogler, 1151 West Sixth St., Los Angeles 17, Calif.
244 California St., San Francisco 4, Calif.
Terminal Sales Building, Portland 5, Oregon

Address all communications about subscriptions to Circulation Manager, Flower Grower, Albany 1, N. Y. When changing your address report direct to Flower Grower, Albany 1, New York, rather than through your local Post Office, giving your old and new address, and allow four to five weeks for the first copy to reach you at the new address. Published monthly by Williams Press, Inc., 99-129 North Broadway, Albany, N. Y. **Second Class Postage paid at Albany, N. Y.** Subscription price: U. S. and Canada 1 year $3.50; 2 years $6; 3 years $7. Mexico, Central and South America 1 year $4.50; 2 years $8; 3 years $10. Other foreign countries 1 year $5.50; 2 years $9; 3 years $12.50.

(Copyright 1959 by Williams Press, Inc.)
Printed in U. S. A. POSTMASTER: SEND FORM 3579 TO FLOWER GROWER, ALBANY 1, N. Y.

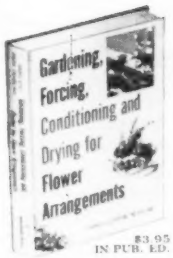
SPECIAL MEMBERSHIP DRIVE

Limited Time Offer from "The Gardener's Own Book Club"

any two OF THESE NEW, AUTHORITATIVE, BEST-SELLING GARDEN BOOKS

only $1 when you join the American Garden Guild Book Club and agree to buy as few as four selections in the next 24 months.

VALUE $7.90 to $22.50 in Publishers' Editions

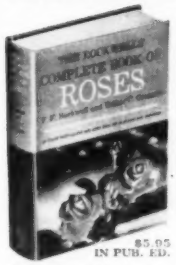


$3.95 IN PUB. ED.

Gardening, Forcing, Conditioning and Drying for Flower Arrangements — A. & I. Nehrling. How to grow plants that can be used later for flower arrangements; how to make cut flowers last. Illus.

$15 IN ORIG. 6 VOLS.

Taylor's Garden Guide. 6 famous books in one: The Permanent Garden, The Everblooming Garden, Color in the Garden, Herbs in the Garden, Fragrance in the Garden, Fruit in the Garden.

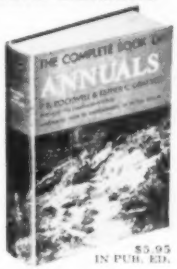


$5.95 IN PUB. ED.

The Rockwells' Complete Book of Roses. Just published. A new guidebook by two famous experts brings you the latest information on how to grow roses of every type. 140 illustrations, 43 in color!

$5.95 IN PUB. ED.

All About the Perennial Garden — Montague Free. America's top expert discusses every step in the making of a beautiful garden. Over 500 plants described. 153 helpful photographs, including color.

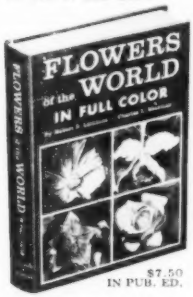


$5.95 IN PUB. ED.

Complete Book of Annuals — F. F. Rockwell & Esther Grayson. How to grow annuals, new ways to achieve effects outdoors and in. Cultural information on 500 species and varieties. 93 photographs.

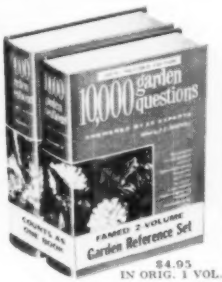
$4.95 IN PUB. ED.

The Guide to Garden Flowers — Norman Taylor. New! Complete guide to the identification and culture of 412 garden flowers — all gorgeously pictured. 324 in full color! Invaluable for reference.



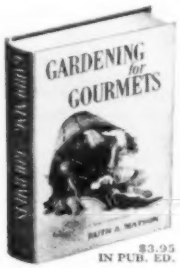
$7.50 IN PUB. ED.

Flowers of the World in Full Color. More than 600 flowers from all over the globe, lavishly illustrated, many for the first time, in exquisite full-color photographs! With fascinating commentary on each.



$4.95 IN ORIG. 1 VOL.

10,000 Garden Questions — Ed. F. F. Rockwell. New revised edition! 2 big volumes. 20 experts answer your questions about flowers, soils, pests, lawns, landscaping, etc. Nearly 1,400 pages, 400 pictures.



$3.95 IN PUB. ED.

Gardening for Gourmets — Ruth Matson. Charming new book for gardeners with a "palate." All about planting and raising fresh vegetables and fruits for your gardening pleasure and table delight. Illustrated.

$3.95 IN PUB. ED.

Brand New!

Garden Ideas and Projects. Fascinating new handbook that tells you how to enhance your garden and "backyard living room." Advice on designing and building your own walks, pools, trellises, fences, garden furniture, fire places, terraces, rock gardens, picket and batten gates, paths and pavements. With a practical garden calendar and a self-pronouncing dictionary of plant names. 512 pages. Illustrated.

Why You Are Offered this Amazing Bargain

CHOOSE ANY TWO of the beautiful and useful garden books on this page—new volumes by outstanding authorities—*for only $1.00!* This unprecedented offer is made to introduce thousands of new members to the American Garden Guild Book Club — the Club that brings you the garden books you need — at big savings.

Selections by Famous Garden Editors

The American Garden Guild Book Club offers you the best newly-published books in all fields of gardening—selected by an editorial panel of famous experts, including Montague Free, former Horticulturist for the Brooklyn Botanic Garden, and Fred. F. Rockwell, well-known gardening authority.

Club selections are beautifully printed and bound, profusely illustrated, often with full-color photos and paintings by famous horticultural artists. Although selections vary in price, in every instance they represent a saving of 20% to 25% from the price of the publishers' editions. Selections are of permanent value and cover the entire range of gardeners interests — flowers, fruits, trees, vegetables, shrubs, house plants, birds, wild flowers, landscaping, garden planning, building, and care. *But you buy only the books you want!* And you don't have to take one every month. As few as 4 books in 24 months — yes, only 4 books during your first *two years* as a member—are all you agree to purchase!

You Receive Free Bonus Books!

With every fourth book you select, the Club sends you absolutely FREE — your choice of a brand-new garden book of special value and interest — usually worth $3.00 or more! These free bonus books represent big extra savings for you.

Send No Money—Mail Coupon Now!

We will send you any two books you choose from this page — value $7.90 to $22.50 in publishers' editions — and you will be billed only $1.00 (plus a small shipping charge). Thereafter, you will receive regularly the Club's *Bulletin*, which describes forthcoming selections at bargain prices to members.

American Garden Guild Book Club, Garden City, New York.

MAIL THIS COUPON

AMERICAN GARDEN GUILD BOOK CLUB,
Dept. 9-FG-3, Garden City, New York

Please enroll me as a member. Send me at once the two books checked below — and bill me ONLY $1 FOR BOTH, plus shipping.

- ☐ Taylor's Garden Guide (11)
- ☐ 10,000 Garden Questions (29)
- ☐ Complete Book of Annuals (55)
- ☐ Gardening, Forcing, Conditioning and Drying (56)
- ☐ The Rockwells' Book of Roses (58)
- ☐ Gardening for Gourmets (60)
- ☐ Garden Ideas and Projects (96)
- ☐ Flowers of the World in Color (149)
- ☐ All About Perennial Garden (203)
- ☐ The Guide to Garden Flowers (238)

Also send me my first issue of the *Garden Bulletin*, telling me about the new forthcoming Garden Book Club selections. I may notify you in advance if I do not wish the following month's selection. I am not obligated to accept more than 4 books in 24 months of membership. I pay only the low members' price of each selection I accept (plus a small shipping charge) — and with every fourth selection, I am to receive FREE a Bonus Book of my choice.

Print Name.....

Address.....

City & Zone.....State.....

NO-RISK GUARANTEE: If not delighted, return both books in 7 days and membership will be cancelled.

TO RESIDENTS OF CANADA: Selection price slightly higher. Address American Garden Guild (Canada), 105 Bond St., Toronto 2. Offer good in continental U.S. and Canada only. H27

Turn Yard and Garden Work Into WHEEL-HORSE TRACTOR *fun!*

Wheel-Horse *Suburban Tractor*

—year 'round work horse

hooks up to 22 optional attachments including popular 32" rotary mower, 3-gang reel mower with 5 foot cutting swath, dump trailer; snow plow and all garden tools.

● Here's your riding mower, snow plow and garden tractor . . . all in one fully geared Wheel-Horse fun-work tractor. Let the Wheel-Horse Suburban Tractor mow, haul or plow while you whistle in the sunshine. Garden work is no pain; clearing snow is no strain. You'll have Wheel-Horse fun getting jobs done in ⅓rd the usual time.

Just spin that Wheel-Horse wheel and take the sharpest curve. Geared like an auto, Wheel-Horse shifts into three speeds forward, plus reverse. At 6 mph, you discover its big tractor 'look' is more than skin deep. Tremendous gear reduction produces pull-power to spare. Those tractor-type rear tires plus weight of its husky steel body assure top Wheel-Horse traction on hills and terraces.

This Wheel-Horse led its field in offering all-gear drive and two-wheel brakes. Now, Wheel-Horse becomes the only yard and garden tractor with "Uni-Drive", a multi-gear-pack of proven efficiency with transmission, synchronized differential and super power reduction gears in one compact, oil-sealed unit.

See your nearest Wheel-Horse dealer for a free fun-test of the Suburban Tractor. Check his low price on attaching tools and easy terms. To get his name and colorful, complete literature, drop us a card with your name and address...today!

WHEEL-HORSE PRODUCTS, 51464-G, U. S. 31, SOUTH BEND 17, IND.

Wheel-Horse®

THE SUBURBAN YARD and GARDEN TRACTOR

Readers' Own Corner

A Cure for Moles

Dear Editor:

I want to comment on the long article about moles by Robert H. Brewster in the September 1958 FLOWER GROWER. I would like to take issue with Mr. Brewster. I live on two acres, mostly wooded, and have an extensive flower garden. For some years I had tried all kinds of things to get rid of moles. Now I have found what I consider to be the best mole-killer ever, and I think everyone should know about it.

I use a heaping teaspoon of Paris green in one cup of free-running salt. With this I mix about two cups of sand, to make it run more easily and give it a bit more volume. Of course, it is not good to put salt near plants, so one should find a good run at the edge of the garden, push a stick down into it and drop about a teaspoonful of the mixture down the hole.

The principle of this method is that the salt burns the mole's feet. The mole licks his feet and thus gets the poison. I feel sure that moles never eat peanuts or any solid food. My method is also effective with baby moles, which cannot be caught in any sort of mole trap.—Mrs. Sue Atkinson, Tigard, Oregon.

For Epiphyte Lovers

Dear Editor:

For many years my favorite house plant has been the Christmas cactus *(Zygocactus truncatus)*. Each year as the yuletide season approached I would go into raptures anew as the tiny pink buds appeared. And I was perfectly happy and contented with my one large plant. But then, alas, I discovered that it was obtainable in colors from white to deep red with gradations between according to variety. I immediately contracted "zygo fever," and I've never recovered.

Thus far, I have thirteen plants in my collection, though some are very young and have not bloomed yet. I obtained these plants from Beahm Gardens of Pasadena, California, and Johnson's Cactus Gardens, Paramount, California. Do you know of any other source? If there are other lovers of this epiphyte among your readers I would be very happy to hear from them.—Mrs. Virginia Cooper, 1650 D Street, Route 1, Sweet Home, Oregon.

"How You Can Grow Beautiful Roses"—A Complete Handbook!—Only 75c At Your Newsstand

Like a "Living Rainbow" of Purple, White, Yellow, Pink, Rose, Red-Bronze and Gold!

Exotic, Color Changing

MEXICAN SHRIMP PLANT

(Beloperone guttata)

ONLY $1 postpaid

This Month's Special

BLOOMS INDOORS AND OUTDOORS ALMOST ALL YEAR!

Enjoy new, glowing, jewel-like color on your window sill and in your garden, with Stern's fabulous and unique Mexican Shrimp plant. Produces an abundance of flower-like sheaths that change color as they mature...from yellow to flesh-pink to dusky rose and finally a rich red-bronze with glints of gold! These graceful spikes are tipped with white, purple-spotted flowers.

BRINGS YOUR HOME GLOWING COLOR ALL YEAR 'ROUND

Despite its exotic good looks, this easy-going Mexican beauty needs little care. Grows up to 3" a month...to a cascading arrangement 18 inches tall. Blooms indoors almost constantly. When warm weather comes, put it outdoors in your garden to bloom again. Thrives and blooms for years!

ORDER NOW Special Low Prices Hold Only While Present Limited Supply Lasts

ONLY $1 postpaid

3 for $2.75
6 for $5.00
10 for $7.50

Directions for easy care enclosed.
All prices postpaid. Send Check or Money Order.
You must be delighted or you'll receive free replacement or your money back.

Stern's Nurseries

Dept. G, Geneva, New York

Specialists in Rare and Choice Trees, Plants & Flowers

SUPPLY LIMITED — SEND TODAY!

Stern's Nurseries, Dept. G, Geneva, N. Y.

Please send Stern's exotic, color-changing Mexican Shrimp Plants as I indicate below.

CHECK HERE:

☐ 1 for $1.00 ☐ 6 for $5.00
☐ 3 for $2.75 ☐ 10 for $7.50

All prices postpaid.

Check or Money Order enclosed for total

$.....

I understand I must be delighted or I'll receive free replacement or my money back.

Name.....

Address.....

City.....State.....

STERN'S FABULOUS FAMOUS-NAME **GIANT** *Exhibition*

CHRYSANTHEMUMS

Now you can grow honest-to-goodness corsage-size chrysanthemums outdoors, right in your garden! Have magnificent big "football" Mums up to 5" and 6" across—blooming in your yard this very year! Stern's thrilling "Famous-Name" Mum plants produce the same big greenhouse-type Mums that florists sell at premium prices—yet Stern's wonderful Sub-Zero strain needs no coddling, thrives with minimum care, survives below-zero temperatures outdoors! They're guaranteed winter-hardy, guaranteed to bloom this very first season. What's more, they'll produce gorgeous giant blooms year after year!

Glorious Corsage Mums Every Fall To Give, To Wear, To Fill Your Home With Color!

Just when your Summer flowers have given up the ghost, and your garden needs a lift for Fall—these Mums really produce! Starting in October and all through November you'll have flowers of deep lavender, light pink, snowy white, sunny yellow, and rich bronze...turning your garden into a riot of gay color! You'll enjoy glamorous corsages, beautiful cut flowers every day for months, and still have plenty left over every day for garden beauty! For really giant-size Mums, remove all the smaller buds from each stem, leaving the strongest one on each stem to develop into a magnificent giant flower.

Guaranteed To Bloom This Year!

These freshly-started young plants will grow 2 to 2½ feet tall this year...will produce giant Mums starting this Fall. Full, compact and spreading—these plants form a perfect background for other low-growing Mums, provide thrilling color highlights for your garden!

Have Stern's 5 Famous-Name Varieties For Only $1!

What a sensational bargain! Think of it—you get Stern's five Famous Name varieties for only $1! That's only 20c a plant for the world's finest Mums! These vigorous young plants are guaranteed to thrive in your garden—to produce spectacular flowers this very year! They will delight you with their vigorous growth, exceptional hardiness, blooming beauty every Fall for years!

Satisfaction Guaranteed or Money Back

You must be completely satisfied with Stern's hardy Giant Exhibition Mums or you'll receive free replacement or your money back.

IMAGINE! HUGE CORSAGE MUMS UP TO 6" ACROSS BLOOMING IN YOUR GARDEN!

5 plants for $1

Fill Your Garden with the Thrilling Color of these 5 Famous Name Mums!

Major Bowes (Deep Lavender) Pink Chief (Light Pink)
Silver Sheen (White) Mrs. Kidder (Yellow)
Amber Bright (Bronze)

FIRST COME, FIRST SERVED WHILE SUPPLY LASTS!

5 (1 of each variety) $1.00 • 10 (2 of each variety) $2.00
20 (4 of each variety) $4.00 • 30 (6 of each variety) $6.00
50 (10 of each variety) $10.00

Send Check or Money Order All prices postpaid
Easy planting directions enclosed with order

Stern's Nurseries Field G, Geneva, New York

Specialists in Rare and Choice Trees, Plants & Flowers

FOR HUGE CORSAGE MUMS IN YOUR GARDEN, SEND TODAY!

Stern's Nurseries, Field G, Geneva, New York

Please send me Stern's hardy Giant Exhibition Chrysanthemums as checked below:

☐ 5 plants for $1.00
☐ 10 plants for $2.00 ☐ 20 plants for $4.00
☐ 30 plants for $6.00 ☐ 50 plants for $10.00

All prices postpaid (Cat. 250)

Check or Money Order enclosed for Total: $.....

My plants must bloom this very Fall and I must be delighted with them, or I'll receive free replacement or my money back.

Name.....

Address.....

City.....State.....

The most beautiful of all Shade Trees

When it is so inexpensive to have the very best, don't accept a substitute—insist on *"Crimson King,"* the finest, deep, dark red Maple available. ***Crimson King*** is the only variety in existence whose brilliant color is maintained from early spring until the leaves fall in late autumn.

Crimson King is easily recognized by its distinguished glistening, satiny sheen and handsome dark foliage. Creates an exciting contrast to lawns and shrubs. Hardy and easy-to-grow. Be sure to include this superb specimen tree in your planting this year.

FOR SALE AT ALL LEADING NURSERIES AND GARDEN STORES

Not genuine without this tag

"CRIMSON KING"

CRIMSON KING PATENT NO. 735 MAPLE

AMERICA'S FINEST

SPRING MEANS

VIOLETS BY MAIL

- Buy with confidence
- New improved packing
- Years of mail order experience
- Safe arrival guaranteed

ORDER NOW — BIG BONUS BUYS

12 SPECTACULAR INTRODUCTIONS FOR '59

Flair — excellent clear blue double showing much pollen, heavy flowering open grower with fine glossy girl foliage—a blue ribbon winner $2.00
Coquette — very full frilled deep lavender, spectacular in full bloom, slightly waved foliage $2.00
May Dance — medium growing frilled double pink, wavy foliage $1.50
Lavender Spice — large full double with dark lavender center shading to lighter tone, glossy foliage $1.50
Candy Cotton — large flowered and strong growing pink double with great profusion of bloom, medium green foliage $1.50
Caribbean — giant bright blue blossoms with attractive waved foliage, an eye catcher showing much pollen $2.00
Frivolous Lady — highly fringed and unusual two tone lavender, medium grower and outstanding novelty $1.50
Jersey Mist — wispy light blue flower with attractive girl foliage, open grower and very prolific bloomer $1.50
Jersey Beauty — deep pink fringed blossoms of unusual size and texture, fine foliage and one of our best $2.00
Desiree — very large ruffled white blossoms, medium green foliage slightly curled at edge $1.50
Bridal Lace — semi-double fringed white flowering on strong upright stems, heavy bloomer and a proven flower show favorite $1.50
Ringmaster — slightly cupped red-lavender flowers of good size and texture with fringed white border, deep green waved foliage $1.50

ALSO MANY OTHER EXCITING VARIETIES

BONUS SPECIALS
Any $3.00 value only $2.75
Any $6.00 value only $5.25
Any $10.00 value only $8.75
Prices Postpaid

All plants shipped in 2½" pots.

EPISCIAS — exotic vines akin to African Violets.
Yellow (Tropical Topaz) only $2.00
Pink (Pinkiscia) only $1.50
Red (Acajou) only $1.50
BONUS SPECIAL
All three for $4.50 postpaid

See them in full color in our lovely free folder now available.

Fischer GREENHOUSES, Dept. FG-3, LINWOOD, N. J.

Garden Events

February 28-March 8, Columbus, Ohio—Garden and Flower Show, Buckeye Building, Ohio State Fairgrounds.

February 28-March 8, La Canada, Calif.—1959 Descanso Gardens Camellia Show, Los Angeles Camellia Council, 1418 Descanso Drive.

March 4-6, Williamsburg, Va.—Williamsburg Garden Symposium, First Session, Colonial Williamsburg and FLOWER GROWER.

March 4-6, Indianapolis, Ind.—Flower and Patio Show, The Indianapolis Star, Horticulture Building, State Fairgrounds.

March 6-12, Washington, D. C.—National Capital Flower and Garden Show, National Capital Garden Club League, National Guard Armory.

March 7-8, Greenville, S. C.—Annual Camellia Show, Men's Garden Club of Greenville, Memorial Auditorium.

March 7-14, New York, N. Y.—International Flower Show, Horticultural Society of New York and New York Florists' Club, Coliseum.

March 9-14, Philadelphia, Pa.—Philadelphia Flower Show, Pennsylvania Horticultural Society, Commercial Museum.

March 10, New York, N. Y.—Annual Meeting, Federated Garden Clubs of New York State, Hotel Astor.

March 10-15, Boston, Mass.—Annual New England Spring Flower Show, Massachusetts Horticultural Society, Symphony Hall and Horticultural Hall.

March 10-15, Toledo, Ohio—Garden and Flower Show, Garden Forum of the Toledo District, Toledo Civic Auditorium.

March 11-13, Williamsburg, Va.—Williamsburg Garden Symposium, Second

Session, Colonial Williamsburg and FLOWER GROWER.

March 14-15, Wichita, Kan.—African-violet show, Wichita Saintpaulia Society, to be held at the Coca Cola Hospitality Room.

March 14-22, Chicago, Ill.—Chicago World Flower Show, Chicago Horticultural Society, Garden Club of America, Men's Garden Clubs of America, International Amphitheatre.

March 18-21, Norfolk, Va.—Annual Meeting, American Camellia Society, Monticello Hotel.

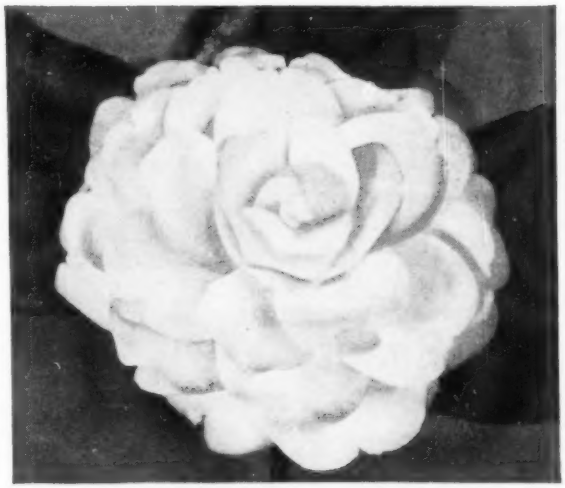
March 21-22, Norfolk, Va.—Annual Camellia Show, Virginia Camellia Society.

March 28-29, Tulsa, Okla.—Daffodil Show, Southwest Region of the American Daffodil Society, Tulsa Garden Center.

In April: Wonderful, wonderful onions!

NOW JAPANESE CAMELLIAS Flourish up North Survive 7 Winters, Sub-Zero Weather!

FOUR MAGNIFICENT VARIETIES PROVE HARDIER THAN AZALEAS, RHODODENDRONS, LAUREL IN NEW YORK, LONG ISLAND TESTS!



HAVE HUGE CAMELLIAS UP TO 5" ACROSS!

GENEVA, N. Y. — From Stern's Nurseries comes news of a spectacular triumph. Precious Japanese camellias, considered for a long time the exclusive property of southern gardeners, are now confirmed northerners as well.

Tests begun in 1950 in Yonkers, soon spread to other parts of metropolitan New York, New Jersey and Long Island. The work parallels the most exhaustive testing in horticultural history — through severe winters as well as mild ones, in a variety of locations, by home gardeners as well as experts. These Stern's varieties —the big "corsage" camellias— survived a winter so cold that hardy azaleas, rhododendron and laurel were badly damaged. The results are in . . . and for northern gardeners, so are the famed Japanese camellias!

HAVE WITHSTOOD COLD 7° BELOW—In actual field tests, these hardy varieties of *Camellia Japonica* selected by Stern's Nurseries for their remarkable cold tolerance, produced beautiful blooms even after winter temperatures of 7° and 8° below.

MONTHS OF BLOOM STARTING EARLY EACH SPRING — LOVELY GREEN FOLIAGE YEAR 'ROUND! In the words of a prominent horticultural expert: "I have found that the hardy camellias are among the easiest plants to grow." They thrive in partially shady places where most other broad-leaved evergreens will not. Once established they require minimal feeding and care—need little pruning to retain their graceful, compact, symmetrical form. They start to bloom as early as March and April, long before most other flowers are in bloom . . . then bloom week after week for months, making the garden a fairyland of color. Glorious big corsage camellias are just like those sold by florists for premium prices.

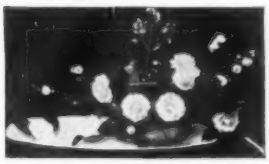
Plant as glowing garden accents or have a flowering camellia hedge!

Their lovely lush foliage stays glossy green all year long.

WHERE TO PLANT THESE GARDEN ARISTOCRATS—To quote a leading garden authority, *"Out of bloom they are the handsomest evergreens available, in bloom they are a wonder almost beyond comprehension."* Plant singly for delightful accents in garden or lawn. Plant a matched pair to form a living gateway to your home or garden path. Plant in the foundation planting near your home, or in the shrubbery border. Plant in rows for a magnificent evergreen flowering hedge!

MUST BE PLANTED NOW— It is important that Stern's Sub-Zero Japanese Camellias should be set out soon, to permit them to become well-established this summer.

Plants arrive with flower buds—ready to bloom in 30-60 days



Lovely for corsages & arrangements.

ORDER TODAY WITH MONEY-BACK GUARANTEE

Your plants will arrive bearing flower buds—ready to bloom in 30-60 days. Follow the easy directions enclosed for beautiful results. You must be delighted, or you'll receive free replacement or money back.

CHOOSE FROM 4 EXQUISITE VARIETIES

Chandleri Elegans—Cherry red, with white variegations. One of the largest peony-flowered Camellias. Produces an abundance of blooms up to 4" and 5" across.

Kumasaka—Radiant rose-pink double peony flowers with deeper vein markings. Laden with huge blooms up to 5" across.

Rosedale's Beauty—Big double red blooms of dazzling brilliance. Produces a magnificent abundance of flowers.

Purity—Pure, snow white, exquisitely-formed double blooms of large size. Produces an abundance of these lovely formal flowers.

Stern's Nurseries Dept. G, Geneva, New York

Specialists In Rare And Choice Trees, Plants & Flowers

LIMITED QUANTITY READY TO BLOOM IN 30-60 DAYS! SEND NOW

Each $6
2 for $11
4 for $21
10 for $50

Shipped Express, Shipping Charges Collect

Send Check or Money Order

STERN'S NURSERIES, DEPT. G, GENEVA, NEW YORK

Please send me Stern's thrilling Sub-Zero Japanese Camellias as indicated below:

.....*Chandleri Elegans* .....*Rosedale's Beauty*

.....*Kumasaka* .....*Purity*

Each $6 2 for $11 4 for $21 10 for $50

Check or Money Order enclosed for $.....

My plants will arrive bearing flower buds, ready to bloom in 30-60 days. I must be delighted with them or I'll receive free replacement or my money back.

NAME.....

ADDRESS.....

CITY..... STATE.....

For that Green Thumb touch of Beauty

AGRICO® PLANT FOODS

For the greenest, thickest turf — the healthiest shrubs, the loveliest blooms you ever grew — feed your lawn and garden *now* with these AGRICO Plant Foods.

THERE'S A SPECIAL AGRICO FERTILIZER FOR YOUR LAWN —AND FOR EACH KIND OF PLANT IN YOUR GARDEN . . .

- **AGRICO FOR LAWNS, TREES & SHRUBS**
  The homeowner's favorite
- **AGRICO for TURF with UREA-FORM and Natural Organic Nitrogen**
  The premium fertilizer
- **AGRICO for TURF 50% Natural Organic Nitrogen**
  The golf course favorite
- **AGRICO PESTICIDE and TURF FOOD**
  For two-way application
- **AGRINITE Natural Organic Nitrogen**
  For supplemental feedings
- **AGRICO ROSE FOOD**
- **AGRICO for GARDENS**
- **AGRICO for AZALEAS, CAMELLIAS and RHODODENDRONS**

Visit your **Agrico Green Thumb Center**
. . . the store that has everything to make your lawn and garden grow

the complete line made only by
THE AMERICAN AGRICULTURAL CHEMICAL CO.
New York 7, N. Y. 37 Factories and Sales Offices in U.S., Canada & Cuba

Northern Pointers

by JAMES H. BEALE
(Ridgefield, Connecticut)

Uncovering plants; pruning roses; dormant spraying; lawn care; in the vegetable garden; rhubarb and asparagus; planting trees and shrubs.

LENGTHENING and, one hopes, milder days this month mean a chance for more work outdoors. No spading must be attempted until the frost is out of the ground and it no longer oozes up around one's shoes when walked upon. Finish pruning and remove dead and broken branches from trees and shrubs. Remove wind-blown leaves from foundation and shrub plantings unless you wish to keep them as a mulch.

• **Uncovering plants**—Do not be too hasty about removing mulches and protective burlap or other covering from evergreens. With alternating days of northerly blasts and warm sun this is a particularly trying month for many plants.

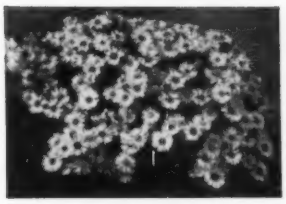
• **Pruning roses**—Towards the month's end it should be possible to uncover roses, but pruning them too soon may result in injury to new growth by late frost. Where the winter has been severe, most of the canes of hybrid teas may be killed back to, or even beyond, the protective mound of soil at the base. Cutting back to live wood is essential. Climbing roses should have any dead canes removed; if plant is crowded remove some of the oldest canes.

• **Dormant spraying**—When dormant sprays such as miscible oil or lime-sulfur are to be used on ornamentals or fruit trees for the control of scale, spider mite, et cetera, they must be applied before new growth begins. Select a day when the temperature is above 40° and spray in the morning so that the spray will dry before nightfall as freezing will cause injury.

• **Lawn care**—Those who were unable or neglected to make new lawns or repair old ones last fall should get this under way as quickly

4 SOLID MONTHS of almost every color imaginable

WITH *Walter Marx Gardens* MOST BEAUTIFUL HARDY PERENNIALS



New Dwarf
PERENNIAL ASTERS
Oregon-Pacific Hybrids for Longer Bloom
Masses of blue, rose, white and lavender from late summer until freezing weather.

Modern
DAYLILIES
America's Most Promising Perennial
Continuous bloom from June to September.

Giant Hardy HIBISCUS
Spectacular Dinner Plate Size Flowers for Many Weeks in Late Summer
ALL ARE ABSOLUTELY HARDY, and like the peony, last a lifetime.

New Border
PHLOX
America's Most Popular Summer Perennial
Brilliant color display from June to August.

NEW PERENNIAL ASTERS

No other low growing perennials are so satisfactory for edging or group foreground planting. Their new vibrant colors and much longer blooming season place them far ahead of older varieties. Absolutely hardy, not bothered by pests, so easy to grow in any soil with sunny exposure. Get started with them this spring for real gardening pleasure year after year.

• **CAMEO.** A profusion of medium-sized light pink flowers on exceptionally sturdy, shapely plants makes this variety very attractive. CAMEO grows 15-18 inches high and nearly as wide and is an excellent ornamental for the border foreground. It blooms from mid-summer into early autumn.

• **CANTERBURY CARPET.** Masses of pretty canterbury blue flowers and finely cut blue green foliage make this one of our most desirable dwarf perennials. Grows 10 inches high in a procumbent manner, blooms with Persian Rose.

• **PERSIAN ROSE.** Striking shade of Persian rose, a rare color in flowers. The shapely, sturdy bushes grow 15 inches high and are covered with bloom from late August to October. Wonderful as an edging plant. Excellent for the large rock garden.

• **SERENADE.** A profusion of largest-sized opalescent lavender flowers on sturdy shapely plants, making this variety very attractive. SERENADE grows 18-24 inches high and nearly as wide. Excellent ornamental for the border foreground.

☐ 1 each (4 clumps) varieties listed above.. **$3.00**
☐ 3 each (total 12 clumps)..... **$7.50**

All orders will be filled with generous field divisions which can be divided into several plants when received. Every plant will develop into a fine clump covered with flowers by Autumn.

ALL COLOR DAYLILY COLLECTION

Anyone Can Grow Daylilies Anywhere

Daylilies will grow in any kind of soil, will thrive and bloom for many years with minimum care. Once established, they are resistant to dry weather and will succeed where other perennials would fail. Daylilies are not bothered by garden pests and may remain undisturbed for years.

BLACK FALCON—Largest near black variety. Deepest mahogany red. 3 ft.
DOROTHEA—Beautiful rare combination of delicate lavender pink and yellow. 2½-3 ft.
CARMELO—Wide open flowers of reddish purple.
PARTY GOWN—Striking cream and light red bicolor.
SALMON SHEEN—Immense pink blend. Tall—4 ft.
HONEY REDHEAD—Large brilliant blood red. Always admired.
CAPISTRANO—Huge light canary yellow. 4 to 5 feet.
PERSIAN PRINCESS — Deep chocolate brown with purple eye zone. 4 ft.
BESS VESTAL—Large bright red. Strong robust grower. 3½ ft.
GOLDEN WEST—One of the best rich golden yellow varieties.
ROYALTY—Velvety, maroon red. Heavy bloomer. 3½ feet.
MARY GUENTHER—Fine orange and red bicolor.

☐ Any 6 for **$3.50** ☐ All 12 for **$6.00**

HARDY HIBISCUS

These magnificent hybrid mallows can be grown anywhere in the United States. Absolutely hardy and like the peony will last a lifetime. The huge flowers averaging 8-10 inches in diameter come in numerous shades of red, pink and white. Height is 4-5 feet. For a spectacular display in late summer and fall these new hybrids are hard to beat. Heavy 2-year-old plants—bloom this year. Mixed colors only.

☐ 6 for.... **$3.50** ☐ 12 for... **$6.00**

ALL COLOR PHLOX COLLECTION

America's Leading Summer Flowering Perennial

Masses of brilliant colors and long blooming season from June until September make this a most desirable flower, unsurpassed for border planting. Phlox bloom well in sunny and shaded locations. Plants increase in size and beauty for many years. No garden should be without this splendid long-life perennial. The varieties offered here include most recent and finest originations from Europe. Strong 1-year-old plants.

BRIGADIER—New glowing sunset red. Large flowers in bold trusses.
MIES COPYN—Beautiful pure pink with red eye.
SIR JOHN FALSTAFF — Largest of all phlox. Rich salmon pink florets of unbelievable size and beauty.
COUNT VON ZEPPELIN—Stunning pure white flowers with contrasting red eye.
SAN ANTONIO—Deep blood red. Early.
WORLD PEACE—Immense pure white on strong stems. Late.
DRESDEN CHINA—Loveliest soft orchid pink flowers in immense trusses.
ROSY BLUE—Large flowers of light blue with pink undertones.
MARIE LOUISE—Best early pure white. Rather dwarf.
AFRICA—One of the best deep red varieties.

☐ Any 6 for **$3.50** ☐ All 10 for **$5.00**

ALL PLANTS LABELED AND SHIPPED POSTPAID. All guaranteed true to name and to bloom this year with proper care.

ORDER NOW. The sooner you plant, the more flowers you'll enjoy this year.

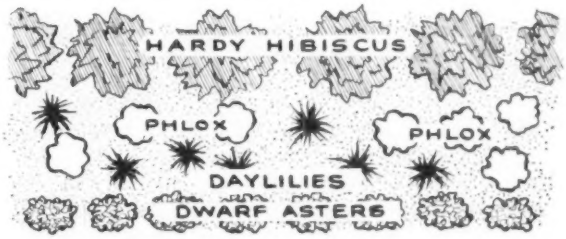
With these foolproof perennials you can have a colorful border this year with bloom from June until heavy frost.

To plant a border about 15x6 feet, order our . . .

☐ **BIG MONEY SAVING COMBINATION OFFER #1**
4 collections; 4 Asters, 6 Daylilies (your selection), 6 Border Phlox (your selection), and 6 Giant Hibiscus for only **$10.00** (save $3.50)

To plant a border about 30x6 feet order our . . .

☐ **BIG MONEY SAVING COMBINATION OFFER #2**
4 collections complete including 12 Asters, all 12 Daylilies, all 10 Phlox and 12 Hibiscus offered on this page for only **$20.00** (save 4.50)



Walter Marx Gardens BOX 38-F3, BORING, OREGON

The Mysterious Tree... that was "lost" for 15 million years!

Graceful, Exotic "Dawn Redwood"... Re-discovered in the Oriental Wilderness... Grows Up To 5 Feet in One Year!

only $3.00 EACH
2 for $5.00

HERE IS YOUR chance to enhance your property with one of the most fascinating trees you will ever see... the magnificent "Dawn Redwood" (*Metasequoia*).

The entire world was amazed recently when a group of Oriental botanists discovered this ancient tree growing in a secluded valley in a remote section of the Chinese interior. Fossil remains of the Dawn Redwood had shown that the tree thrived in this country thousands of centuries ago, but no living specimen had ever been found, and it was considered extinct.

This history-making discovery prompted the Arnold Arboretum at Harvard University to send an expedition into this mysterious area to bring the forgotten Dawn Redwood back to the world. The seeds they brought back began to grow with amazing speed. One tree in Santa Barbara, Calif., grew five feet *in only one year*. A 7-year-old specimen in Northampton, Mass., is already over 20 feet tall! Similar reports from all sections show that the tree needs no special care, is hardy and is suited for amazingly rapid growth almost anywhere in the country. In appearance, it closely resembles the handsome Bald Cypress.

Now you can have this fast-growing, fascinating tree... actually a relic of pre-historic times... growing right on your property! The Dawn Redwood is a graceful, exotic tree that everyone will admire and a conversation piece that captures the imagination and interest of everyone who sees it. Full grown, it is roughly the same height as the Canadian Hemlock or the European Larch.

If you order right away, you can get a well-formed 8 to 15-inch Dawn Redwood plant—guaranteed to grow beautifully—for only $3.00. Better yet, two trees cost only $5.00.

Dawn Redwoods thrive in almost any type of soil, although especially suited for moist soil and open or half-shaded locations. They require no special care. The foliage is deciduous, bright apple-green, and the trees bear round cones about one inch across. They are a beautiful and unusual addition to any garden.

But you must order right away. Because of the rare beauty and history of these trees, the supply is limited. Send the coupon below, with only $2.75 to: Kelly Bros. Nurseries, Dept. FG-3, Dansville, N.Y.

KELLY BROS. Nurserymen For Over 79 Years

Dept. FG-3, Dansville, N.Y.

Please send me ..... Dawn Redwoods in time for planting, along with full instructions to insure beautiful growth. I enclose only $3.00 for one or $5.00 for two. If I am not satisfied, I may return them for refund, within 10 days. **GUARANTEE: Trees guaranteed to grow and thrive or we replace Free at any time.**

Name.....

Address.....

City.....Zone.....State.....

as possible. Grass seedlings make their best root growth in cool weather. Fertilize established lawns and, as soon as the surface is dry, use a light roller to press frost-lifted grasses back to the soil.

• **In the vegetable garden**—Areas in the vegetable garden that were not spaded last fall should be dug as soon as frost is out of the ground. At the same time work in manure or compost. If either of these is unavailable use a complete fertilizer which should be raked into the surface soil a day or two before seeding. Liming, as a rule, is necessary only every three or four years.

Peas must be sown as soon as the soil is sufficiently friable. St. Patrick's Day is the traditional date but sowing two to three weeks later is usually satisfactory. Other vegetables that may be sown as soon as the soil can be worked to the necessary fine tilth are spinach, carrot, turnip, beet, parsnip and Swiss chard; onion sets may also be planted. Cover these early-sown seeds with sifted leaf mold or moist peat moss; the seedlings come through this much more readily than through a covering of average garden soil.

• **Rhubarb and asparagus**—Place boxes or pails over a few rhubarb plants to induce quicker, more tender growth. Fertilize the asparagus bed.

• **Planting trees and shrubs**—Finish the planting, while they are dormant, of deciduous trees and shrubs with bare roots. (Balled or canned stock can be planted later.) Evergreens may be planted up to the time they show evidence of new top growth. They are almost always sold with roots balled and wrapped in burlap. Water all plants well.

Question of the Month

Q. My chrysanthemums have formed big clumps but the flowers get smaller each year. What can I do to improve them so that flowers will be larger?

A. Start new plants. In May take 3- to 4-inch cuttings from the tips of the new growth; root them in containers of sand, vermiculite or perlite. To prevent wilting cover with a sheet of plastic until rooting takes place. Provide good light but no direct sun. When rooted, transplant to garden.◈

"How You Can Grow Beautiful Roses"—A Complete Handbook!—Only 75¢ At Your Newsstand

COSTLY RE- SUMMER COSTLY

STOPS SEEDING . . . WEEDING . . . FEEDING

READ THESE FACTS BEFORE YOU ORDER YOUR ZOYSIA GRASS

Meyer Z-52 "Plug-In" Zoysia Grass is the Grass Perfected by U.S. Dept. of Agriculture

PERFECT FOR PROBLEM AREAS!

PLANT AMAZOY PRE-CUT PLUGS IN EXISTING LAWN, NEW GROUND, OR NURSERY AREA

Chokes Out Old Grass, Crabgrass and Summer Weeds! Resists Chinch Bugs!

1. NO WASTE, NO SOD TO CUT. NO SEEDS. Amazoy comes only in plugs of fresh, green, vigorous grass grown under rigid supervision especially for transplanting. Plugs contain many more square inches of underground root system . . . reach you in better condition . . . don't pull apart . . . guaranteed more rapid growth.

2. Just set plugs in ground 1 foot apart, checkerboard style. Easy planting instructions with each order.

3. Each plug takes root and spreads to cover planted area with thick, rich, beautiful turf.

4. Amazoy root system grows so deep (2-3 feet down) that your lawn finds its own supply of sub-surface water! Stays green and beautiful all summer long, even in severest heat, drought—in any soil!

5. Permanent, perennial Amazoy turf costs less in the long run than any other. No annual upkeep.

SAVES YOU MONEY

Your established Amazoy lawn ends yearly expenses for re-seeding . . . ends those summer-long campaigns against weeds and crabgrass . . . cuts water bills and fertilizer costs. Cuts time, work and expense of mowing. SAVES BECAUSE IT'S THE LAWN THAT NEVER NEEDS REPLACEMENT!

AN ENDLESS SUPPLY OF PLUG TRANSPLANTS

Transplant 20-25 new plugs per square foot twice a year as soon as grass is established. Plugged area soon grows over—transplant all summer long if desired. Sell them, use them yourself. An endless supply year after year.

ALL PLUGS FULL SIZE, ROOTED IN RICH EARTH! 3 SQUARE INCHES EACH.

Dept. 220, ZOYSIA FARMS
602 N. Howard St., Baltimore 1, Md.
333 N. Michigan Ave., Chicago 1, Ill.
80 Boylston St., Boston 16, Mass.

ONLY $5.75

Order of AMAZOY Contains Enough Zoysia Grass To Grow Endless Supply of transplants and FULLY COVER many lawns in 2 seasons.

YOU CAN'T LOSE!

In the long run Amazoy is the lowest cost, most beautiful lawn you can plant. Beautiful deep-green in color. Like Kentucky Bluegrass in texture. Order now on NO-RISK OFFER backed by WORLD'S LARGEST GROWER.

No Other Grass Ever Won Such Praise!

NEWSWEEK: "With Meyer Z-52 Zoysia Grass . . . . any homeowner can maintain a luxuriant lawn against inroads of weeds, crabgrass, insect pests and diseases." *LOOK:* ". . . laughs at crabgrass and turns its greenest in blistering sun." *FLOWER GROWER:* "extremely winter-hardy . . . . can successfully compete with crabgrass for control of the lawn area."

Also praised by: Popular Gardening, Organic Gardening, Harpers, universities, agronomists, Arthur Godfrey on TV, etc.

GUARANTEED TO GROW IN ANY SOIL

Amazoy grows in good soil, bad soil . . . . even rocky and hilly soil and salty, sandy beach areas. Resists erosion. Selected for planting in Racing Turf Courses . . . . takes the punishment of pounding horses hooves, springs back to a beautiful green carpet of grass. You CAN'T LOSE PLANTING AMAZOY . . . . EVERY PLUG GUARANTEED TO GROW OR REPLACED AT OUR EXPENSE. Forget your old ordinary lawn that burns out . . . . turns to hay . . . . costs money year after year. Start an Amazoy Lawn now! More carefree than you ever dreamed possible!

AMAZOY EXCLUSIVE STEP-ON PLUGGER

FREE WITH LARGER ORDERS.

Full size, professional type. Developed and offered only by Amazoy. Not available elsewhere, at any price. Saves bending, time and work in planting or transplanting. Cuts away competing growth as it digs hole for plugs. Gives fast, sure growth.

If you have lawn problems . . . . now end them once and for all. Plant Amazoy Meyer Z-52 Zoysia Grass! Amazoy GUARANTEES you a beautiful lawn—remember, the U.S. Government itself developed and released famous Meyer Z-52 Zoysia Grass, so it has to be good! Your established lawn stays GREEN in hottest weather, despite water shortages . . . . it laughs at water bans. No brown, discolored patches due to heat, drought, etc. Will not burn out.

- Never Needs Re-seeding. Ends seeding expense and seed waste forever! Won't Winter Kill. Stays Green thru Drought.
- Resists Fungus, Insects, Disease and Blight.
- Grows Lower—Mow As Little As 6 Times A Year. The practically Carefree Lawn!
- Planted in U.S. Air Bases, Post Office Grounds, Golf Courses, Race Tracks, Famous Estates, etc.

Genuine Amazoy Zoysia Grass is the revolutionary lawn grass so deep-rooted that once established it goes weeks and stays beautiful without watering, whether due to water bans or just because you're away on vacation.

Thousands of delighted owners have found it stays green and beautiful through blistering summer heat and drought; yet does not winter-kill. (Has survived temperatures 30° below zero.) Goes off-color after killing frosts; regains fresh green color every Spring—true perennial.

Plugs spread above and below ground, produce even deep-green lawn impervious to blight, diseases, etc. Its aggressive, flourishing root runners drive out summer weeds, dandelions, crabgrass, old grass, etc. Even in hottest summers when other lawns burn out . . . . or turn patchy, brown and ugly just when wanted most . . . . yours will be green and lovely—the pride of your neighborhood!

ORDER NOW FROM WORLD'S LARGEST GROWER

100 LARGE PRE-CUT PLUGS $5.75	100 LARGE PRE-CUT PLUGS and Plugger $8.95
300 LARGE PRE-CUT PLUGS and Plugger $15.95	1000 LARGE PRE-CUT PLUGS and Plugger $34.95

ORDER NOW—CLIP COUPON

Once Again, Demand May Exceed Supply. All Orders Shipped in Order Received.

Dept. 220 **ZOYSIA FARMS**
602 N. Howard St., Baltimore 1, Md.
333 N. Michigan Ave., Chicago 1, Ill.
80 Boylston St., Boston 16, Mass.

Please ship the following order of Amazoy Meyer Z-52. All plugs cut from ground to your order.

☐ 100 Plugs $5.75 ☐ 100 PLUGS & PLUGGER $8.95 ☐ 300 PLUGS & PLUGGER $15.95
☐ FULL SIZE PLUGGER $4.95

HOW ORDERS ARE SHIPPED: If you live East of the Miss. River, add 75¢ per 100 plugs. If you live West of Miss. River, add $2.25 per 100 plugs and we pay all shipping. Otherwise we ship your order Express Charges Collect.

☐ 1000 PLUGS & PLUGGER (F.O.B. BALTO.) $34.95

I enclose ☐ check ☐ money order ☐ cash

Name: _____

Address: _____

City: _____ Zone ____ State _____

Create the Earliest and Best

ASK FOR YOUR PLANTS IN

JIFFY-POTS®

MADE OF PEAT

NEW! ROOTS GROW THROUGH THE POT · · · PLANT THE POT AND ALL!

PLANTS START GROWING WITHOUT SHOCK OR ROOT INJURY

Your garden will get an earlier, healthier start if you buy your plants this Spring in JIFFY-POTS. You'll see the roots growing right through the peat walls. Take the Jiffy-Potted plants home and set 'em out!

If your gardening runs to vegetables you'll have more and better tomatoes—and you'll be picking them one to three weeks ahead of your neighbors. If you're a flower enthusiast, you'll have annual flowers quicker and in greater abundance. Whatever you grow, buy your started plants from *the retailer who thinks of your garden*—the dealer who sells plants in JIFFY-POTS.

PLANT THE POT AND ALL! IT'S MADE OF PEAT!

That's right—you never take the plant out of the JIFFY-POT. Just set it out in the garden, pot and all. Millions of JIFFY-POTS have been used in just this easy way—by professional growers, as well as by home gardeners all over the world. The JIFFY-POT has proved through actual use to be the best modern method of growing annual plants. Your plants will get off to a good fast start. There's no transplant shock. No set-back. And of course, it's easier to do your Spring planting with JIFFY-POTS.

Wherever fine started plants are sold—look for JIFFY-POT'd plants.

Garden You've Ever Had . . .

FOR YOUR FAVORITE CUTTINGS:
Mums, geranium, coleus, and African Violets—in fact any plant you start from cuttings will do better if you pot your cuttings in JIFFY-POTS.

For those extra-special plants you'll grow yourself from seed or cuttings:
JIFFY-POTS are easy to use if you start your own plants. Remember to buy your own supply in this attractive box which is printed with complete cultural instructions. Grow your plants the way the professionals do—use JIFFY-POTS! Packaged in dozen or half dozen cartons—two convenient sizes.

CUSTOMER REPORT:
Ben Luther, home gardener of Milwaukee, Wisconsin, writes that he planted sweet corn in JIFFY-POTS in his basement window. He set his JIFFY-POT'd corn out in early June, and to the amazement of neighbors was eating fresh corn early in July, several weeks ahead of the normal season!

Geo. J. Ball INC.

EASIER GARDENING!
FASTER GROWTH!
NO TRANSPLANT SHOCK!
IT'S FUN TO GARDEN
WITH JIFFY-POT'D PLANTS!

FOUNDATION PLANTING !

10 Plants: 6 Pfitzer Juniper, spreader, blue-green. For sunny spots. 4 Japanese Yew, upright, compact, deep green. Sun or shade. All 2 and 3 times transplanted, 10" to 16". Strong roots.

10 for $12.95

Postpaid at planting time. FREE CATALOG

MUSSER FORESTS Box 7-C Indiana, Pa.

Learn Landscape Design at Home

- Easy to follow method
- Garden design, horticulture, drafting, mapping, field work
- 45 illustrated lessons
- FREE business cards, monthly letter, consultation service
- Graduates in demand
- 42nd year

Accred. by Nat'l Home Study Council (Charter Member)

AMERICAN LANDSCAPE SCHOOL

Dept. 139, 4040 42nd Street, Des Moines 10, Iowa

EVERYTHING GROWS BETTER IN

Jiffy Pots...

For sturdier, greener, more rapid growth, start your plants in wonderful JIFFY POTS . . . just like modern, progressive nurserymen and growers do. These lightweight, inexpensive pots are easy to handle, need less watering. Roots grow right thru the walls. When you're ready to put your plants in the yard, you plant Jiffy Pot and all . . . so there is no set-back and plants keep right on growing. Park's Gardener's Handbook free with each Jiffy Pot order.

Postpaid Prices: 2¼" size 100 for $ 2.50
500 for 10.00
3" size 100 for 3.95
500 for 17.50

Protect your investment in seeds, time, plans and dreams with the best, most certain method of starting fine seeds

PARK'S Sure-Fire Seed Starter Kit

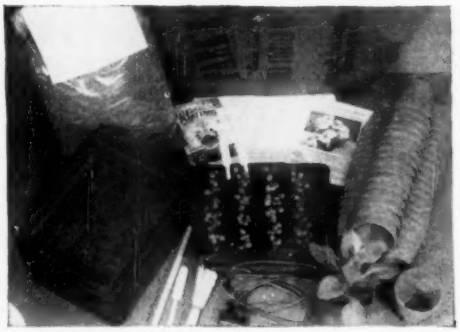
The secret to sure-fire success with seed germination is to be found in a simple, inexpensive "Sure-Fire" Seed Starter Kit. Kit contains milled horticultural sphagnum moss, groquick heating cable, 6 jiffy flats, 50 2¼" Jiffy Pots, handbook of instructions . . . a $4.80 value for only $3.95. We have used these materials and method for years and can assure you of success with even finest, most difficult seed.

ORDER TODAY . . . ON COUPON BELOW!

You can grow the most difficult plants from seed. Make easy ones easier with horticultural milled SPHAGNUM MOSS

- Eliminates "damping off"
- Prevents harm from over watering
- Reduces need for constant watching
- We use it, recommend it Home Garden Pkg. $1.00 postpaid

1½ bushel Pkg. $4.35 postpaid



GEO. W. PARK SEED CO. GREENWOOD 95, S. C.

Geo. W. Park Seed Company, Greenwood 95, S.C.

Gentlemen:

Please send postpaid the following:

- ☐ 250 2¼" Jiffy Pots $2.50
- ☐ 100 3" Jiffy Pots $3.95
- ☐ Garden Pkg. Sphagnum Moss $1.00
- ☐ Park's SURE-FIRE SEED STARTER KITS $3.95
- ☐ Park's Flower Book—Free
- ☐ 500 2¼" Jiffy Pots $10.00
- ☐ 500 3" Jiffy Pots $17.95
- ☐ 1½ Bushel pkg. Sphagnum Moss $4.35

Name .....

Address .....

Southern Ramblings

by BEN ARTHUR DAVIS
(Meridian, Mississippi)

Chrysanthemum cuttings; lawn care; planting trees and shrubs.

IN MOST SECTIONS of the South many perennials will be showing growth by the middle of this month. This is a good time to divide and replant them. Water the newly set plants with weak fertilizer solution.

• **Chrysanthemum cuttings**—Here in the South (especially in the Middle and Deep South) we do not divide and replant chrysanthemums, but take cuttings in March and April and grow new plants. All the old roots from last year's growth should be discarded. The use of divisions carrying pieces of the old roots invites trouble from both insects and fungous diseases. Before you begin taking cuttings be sure to spray the old clumps with a combination fungicide-insecticide.

• **Lawn care**—March is perhaps the best month of the year for starting new lawns in the South, regardless of whether you use seed sprigs, clumps or sod. There is usually plenty of rainfall this month and the increasing warmth of spring gets the new lawn off to a good start. Have soil for a new lawn well cultivated and fertilized. This is also an excellent time to feed established lawns.

You may, within two or three years convert any old lawn, even though it is over-run with dallis grass, into a fine St. Augustine sod by planting 10-inch clumps every 10 feet. Prepare the soil well for each clump. Work up the soil to the depth of at least a foot and work in generous quantities of fertilizer. Keep well watered.

• **Planting trees and shrubs**—February is normally the last month for planting bare root shrubs, roses and trees in the South, but if the spring is late you may handle small plants early this month. Try to finish before leaf growth begins. Container-grown stock may be planted at practically any time.◈

"How You Can Grow Beautiful Roses"—A Complete Handbook!— Only 75¢ At Your Newsstand

Now Stern's Announces A Rare Garden Miracle!

IMPORTED IMPERIAL

TREE PEONIES

Freshly Dug In Nursery Fields At Yokohama... RUSHED BY OCEAN LINER FROM JAPAN!

Now, from the Far East, rushed here by Ocean Liner, to be the crowning glory of your garden, Tree Peonies of such rarity and magnificence you have probably never seen anything like them before! For centuries, they were the jealously-guarded treasures of the rulers of the Orient. Now they're yours—at amazingly low cost!

Big Double Blooms up to 8" Wide—As Many as 200 Blooms per Plant!

We honestly believe these are the most beautiful plants ever to bloom in a garden. Lovely fully double goblet-shaped flowers measure up to 8 in. wide! Their petals have the rich gleam of Oriental silk and a transparency unknown among lesser peonies! Their foliage is a lush deep green. To add to their many splendors, they have delightful perfume. Have them in pure white, gleaming pink and deep crimson red. They bloom with royal lavishness — produce up to 200 huge flowers per plant.

RARE, EXOTIC...YET SO EASY TO GROW!

In 3 Radiant Colors:

DEEP CRIMSON RED
PURE WHITE
GLEAMING PINK

Rarest of All Garden Treasures—Start to Bud Even Before Snow Leaves the Ground

While the frost is still on the ground these glorious Tree Peonies begin active growth. Each April you'll see their buds shoot out, then open with a remarkable unfolding of color and form—the hues of the red stems and sea-green leaflets varying from one plant to the next. What a thrill to watch them unfurl! What a joy when the huge flower buds appear—and swell to the size of apples—then open wide their silken petals and burst into full bloom! Folks will come miles just for a glimpse of your garden.

Live for Generations. Add Beauty Year 'Round!

Unlike ordinary peony varieties, these woody bushes do not die back to the ground in winter—instead grow larger and more beautiful each year! The bush seldom grows higher than 4 to 6 ft., but spreads gracefully with each succeeding year. Like the Giant Redwoods, they live for generations—for a century or even more! So amazingly hardy, living blooming plants of 200 and 300 years old are reported from China and Japan!

These Royal Beauties Deserve The Place of Honor in Your Garden

Stern's spectacular imported Tree Peonies should be planted alone, in the most outstanding spot in your garden, so you may have an unobstructed view of their queenly beauty. Don't fence them in with other shrubs or trees.

Order NOW with Money-Back Guarantee

Despite their exotic loveliness Stern's imported Tree Peonies are remarkably easy to grow—flourish in any good garden soil. We guarantee they'll bloom with great beauty, and grow larger and lovelier with each passing year. You must be thrilled with their blooms—delighted in every way. Otherwise receive free replacement or your money back.

Extremely Limited Supply Rushed Here by Ocean Liner
Don't Lose Out — SEND TODAY!

Husky field grown plants—Stern's Hardiness Rating: AAA

Each $5.00	3 for $12.00	6 for $22.00	9 for $30.00
(any color you choose)	(1 of each color)	(2 of each color)	(3 of each color)

All Prices Postpaid • Send Check or Money Order
Easy planting directions enclosed.

Stern's Nurseries DEPT. G, GENEVA, N. Y.

Specialists In Rare And Choice Trees, Plants And Flowers

----VERY LIMITED SUPPLY — RUSH COUPON TODAY!----

Stern's Nurseries, Dept. G, Geneva, N. Y.

Yes, I want to be among the first to have Stern's glorious imported Imperial Tree Peonies in my garden! Please send the plants to me as indicated below at the proper planting time in my area.

1 for $5.00 _____ (STATE COLOR)

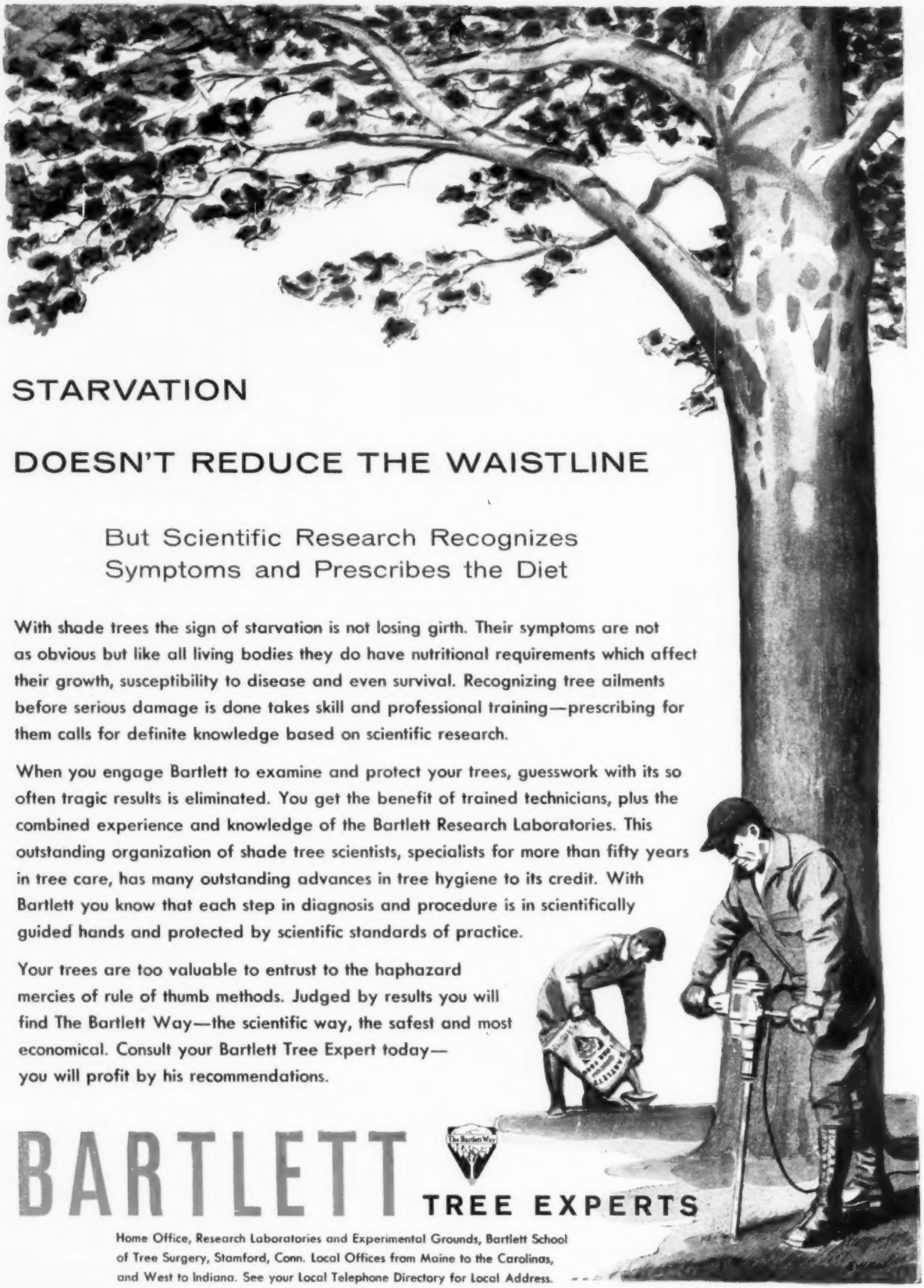
☐ 3 (1 of each color) $12.00
☐ 6 (2 of each color) $22.00
☐ 9 (3 of each color) $30.00

All Prices Postpaid. Check or Money Order enclosed for total. $_____
My Tree Peonies must bloom for me and I must be fully satisfied—or I'll receive free replacement or my money back.

Name_____

Address_____

City_____ State_____



STARVATION

DOESN'T REDUCE THE WAISTLINE

But Scientific Research Recognizes Symptoms and Prescribes the Diet

With shade trees the sign of starvation is not losing girth. Their symptoms are not as obvious but like all living bodies they do have nutritional requirements which affect their growth, susceptibility to disease and even survival. Recognizing tree ailments before serious damage is done takes skill and professional training—prescribing for them calls for definite knowledge based on scientific research.

When you engage Bartlett to examine and protect your trees, guesswork with its so often tragic results is eliminated. You get the benefit of trained technicians, plus the combined experience and knowledge of the Bartlett Research Laboratories. This outstanding organization of shade tree scientists, specialists for more than fifty years in tree care, has many outstanding advances in tree hygiene to its credit. With Bartlett you know that each step in diagnosis and procedure is in scientifically guided hands and protected by scientific standards of practice.

Your trees are too valuable to entrust to the haphazard mercies of rule of thumb methods. Judged by results you will find The Bartlett Way—the scientific way, the safest and most economical. Consult your Bartlett Tree Expert today—you will profit by his recommendations.

BARTLETT TREE EXPERTS

Home Office, Research Laboratories and Experimental Grounds, Bartlett School of Tree Surgery, Stamford, Conn. Local Offices from Maine to the Carolinas, and West to Indiana. See your Local Telephone Directory for Local Address.

BLOOMS UP TO 8" ACROSS

For a Magnificent Display of Colorful Flowers . . .

Grow These *CLEMATIS VINES*

You'll actually raise sensational six-to-eight-inch flowers on Crimson Star and Lanuginosa Candida clematis. The old favorite, Jackmani, does not have such large flowers, but bears velvety purple flowers in unsurpassed abundance.

CRIMSON STAR. The finest red—a true, rich red. Blooms profusely from July to September. **No. A1708M.**

LANUGINOSA CANDIDA. Loaded with huge, pure white flowers in summer and autumn. It is highly dramatic against a dark background. **No. A1707M.**

JACKMANI. The old favorite of deep velvety purple. **No. A1712M.**

INDIVIDUAL PRICES: 1.19 each; 2 for 2.19; postpaid to your door.

All 3 for 2.98
One each of Red Crimson Star, White Lanuginosa Candida, and Purple Jackmani—**all 3 for only 2.98, postpaid. No. A2410XM.**

WE SHIP POTTED PLANTS, not bare-root plants, because you receive them in better condition, and they are surer to grow.

No climber, not even climbing roses, gives you more flowers, nor more beautiful flowers, than these hardy Clematis. Let them climb on arbors, stumps, trellises, or on posts in your garden. They don't like a full day of hot sun, do best on north, northeast, or northwest side of your home. Be careful, when planting them, not to break the stem of the plant. If your soil needs lime, add a little at time of planting.

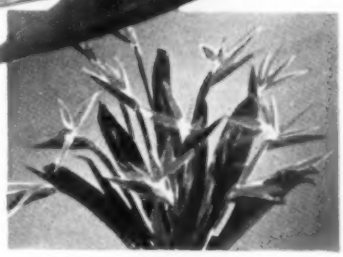
"Bird of Paradise"

HUGE BLOSSOMS 3" TO 5" LONG

America's Most Exotic House Plant

The blossoms of "Bird of Paradise" (Streletzia regina) are gorgeous flowers 3 to 5 inches long with an unusual shape and striking colors of red, yellow, blue and orange, suggesting an exotic, tropical bird of paradise. The plant gets about two or three feet tall, and continues to make a wider clump. It usually begins to bloom when it has nine or more leaves, and a mature plant has 25 to 30 flowers at one time.

The cut flowers last two to three weeks. Florists prize the blossoms, sell them retail at from $15.00 to $25.00 per dozen. Yet this beautiful plant is easy to grow, and lives for many years, constantly increasing in size and beauty. It is sun-loving, but does well in partial shade. A tiny amount of plant fertilizer every two or three weeks is helpful. **2.50 each, or 3 for 6.50, postpaid. No. N1128M.**



American-Grown HYBRID BEGONIAS

3 for only $1.00 PPD.
6 for only $1.75 PPD.

Glamorous Flowers that Thrive in Shade

Our United States growers have been hybridizing tuberous-rooted begonias with tremendous success; in fact, we believe these begonias are better than the imported ones. They are outstanding in brilliance of color, vigor of growth, and beauty of form. Most are fully double. Some are plain petalled, some frilled. Their colors include white, yellow, apricot, and shades of pink and red, as well as bicolors. Available in mixed colors only. **No. BG611XM.**

4 SPRING SPECIALS

Order now DIRECT-BY-MAIL from

Henry Field's

For Over 60 Years at SHENANDOAH, IOWA

Henry Field

"Silent Night"

A Gorgeous NEW GLAD

Its petals are a pure, pale blue, with a deeper blue in the throat, and it opens eight to ten of these large, slightly ruffled flowers at a time. Spikes are four to five feet tall, and the plants are robust and healthy. Even the leaves show a hint of blue.

We believe "Silent Night" is one of the most beautiful gladiolus of all time. It has the most inspiring color we have ever seen in a flower and we strongly recommend it to you. **65c each; 2 for 1.00; 4 for 1.75, postpaid. No. BG344M.**

FREE CATALOG

You don't have to buy anything to get big, full-color catalog free. Just use coupon below, or send postal card or letter.

COPYRIGHT 1959

HENRY FIELD Seed & Nursery Co.
935 Oak St., SHENANDOAH, IOWA

Send postpaid the items I have selected below. I understand these will be shipped at best planting time for my area.

NAME _____

ADDRESS _____

_____ ZONE ____ STATE ____

☐ CHECK HERE for free copy of Spring Catalog.

MONEY-BACK GUARANTEE
Our regular money-back guarantee, described fully in our catalog, applies to each of these offers.

WE PAY POSTAGE

QUANT.			AMOUNT
	A1708M	Crimson Star Clematis	$
	A1707M	Lanuginosa Candida Clem.	
	A1712M	Jackmani Clematis	
	A2410XM	1 each of 3 Clematis	
	N1128M	Bird of Paradise	
	BG611XM	Hybrid Begonias	
	BG344M	"Silent Night" Glad	

(NO C.O.D.'s PLEASE) TOTAL AMOUNT ENCLOSED $ ____

NOW FOR '59 FROM STERN'S

a thrilling horticultural development

BRINGS YOU STERN'S SPECIALLY-GROWN, DOUBLE-FLOWERING

JEWEL-TONE

GENUINE CUSHION

MUMS

YOUNG, FRESHLY ROOTED PLANTS

AT 73% SAVINGS

COMPARED TO OLDER PLANTS LISTED IN OUR CATALOG

not 10 plants for $7.50 but **10 plants for only $2**

Now, from Stern's research department, a way to have spectacular Mums in your garden, at tiny cost! Bushels of red, yellow, bronze, pink and white Cushion Mums—for only $2!

NOT THE USUAL OLD "CLUMPS," BUT YOUNG, FRESHLY-ROOTED PLANTS THAT GROW LIKE FURY!—quite different from older "clumps", which have often passed their peak of development before you set them in your garden. Our hardy freshly-started Mums grow with such vigor, *in one growing season*, they reach, even surpass "clumps" in size, beauty, bloom! Unlike those older "clumps" that often don't live through winter, ours establish themselves at once and thrive for years!

THESE ARE THE MUMS USED BY COMMERCIAL GROWERS—now yours, direct from Stern's, at really substantial savings! Every garden has room for these low-growing beauties. Even the small space in front of evergreens is enough. Produce great compact masses of bloom 2 ft. or more wide, yet only 12" high. Create glorious color contrasts against a background of taller plants. Each lovely bloom is big as a silver dollar, and double flowered, with rows of slender petals in perfect symmetry.

ORDER NOW—THOUSANDS OF FLOWERS 100 DAYS AFTER PLANTING—OR KEEP PLANTS, FREE! Our specially-grown Cushion Mums have already brought glorious results to thousands of our customers. *Spring is the best, the only season to plant.* They'll bloom in about 100 days. Each plant must produce hundreds of blooms—put on the most spectacular Mum display ever in your garden. Or send us a card and we'll send free replacement or full refund. Don't even return plants. Keep them free!

EASY TO GROW – SO HARDY THEY LAUGH AT EARLY FROST! Flourish in any garden soil. Even when neglected, never get out of hand. Bloom continuously 8-10 weeks. Thrive even after first frosts, when all else is finished. You'll have armfuls for color indoors—masses of Mums to surround your house with beauty!

AVAILABLE NOW FROM STERN'S BY MAIL ONLY
SEND CHECK OR MONEY ORDER—RESULTS GUARANTEED OR MONEY BACK

Stern's Nurseries FIELD G. GENEVA, NEW YORK

SPECIALISTS IN RARE AND CHOICE TREES, PLANTS AND FLOWERS

FOR BUSHELS OF MUMS IN 100 DAYS, MAIL TODAY!

NOTE BIG SAVINGS —ORDER BY MAIL NOW!

Stern's Specially-Grown, Freshly-Rooted Plants —Mixed 5-Color Jewel-Tone Assortments

RED • PINK • BRONZE
WHITE • YELLOW

10—$2 (Save $5.50)
30—$6 (Save $16.50)
20—$4 (Save $11)
50—$10 (Save $27.50)

Prices Postpaid—Send Check Or Money Order. Easy planting instructions with order.

STERN'S NURSERIES, FIELD G. GENEVA, NEW YORK
Please send me the specially-grown Jewel-Tone Cushion Mum plants I check below. *They must put on the most spectacular Mum display I've ever seen in my garden, this year — or I get free replacement or my money back — and keep the plants I'm ordering now, free!* Send plants at proper planting time in my area.

MIXED 5-COLOR ASSORTMENTS
☐ 10—$2 ☐ 20—$4 ☐ 30—$6 ☐

All prices postpaid.

Check or Money Order enclosed for total: $_____

Name_____

Address_____

City_____ State_____

Now—For 1959! Stern's Fabulous Masterpiece

HANGING BASKET BEGONIAS

Up to 100 glorious flowers from each bulb–blooms all summer

A glorious new race of Begonias is now yours to enjoy! Begonias *6 times bigger than old-fashioned types*—of exquisite double-camellia shape, magnificent color and breathtaking abundance of bloom! Begonias that bloom in hanging cascades of beauty—form fabulous living fountains of flowers!

Months of flowers this very summer! Each of our choice new Hanging Basket Begonia bulbs will produce up to 100 huge flowers this very summer! Create a display of such lush, exotic beauty it will be the envy of your whole neighborhood! They'll bloom, bloom, bloom right up till frost—then bloom again, year after year!

So easy to grow these shade-loving beauties! Thrive in any spot that's sheltered from direct sun and strong wind. Place where shade from trees or house has caused bare patches. Set high in a hanging basket on a shady porch corner. Plant in a flower box or pot to glorify a dull patio niche or garden wall. You'll have a lavish blossoming fountain of color! For earliest bloom and longest blooming season, start indoors now. When warm weather comes, set outdoors. Just follow the easy directions and a few months from starting you'll have big saucer-size flowers 6 times larger than old-type begonias—have up to 100 dazzling flowers per bulb!

THRILLING FLOWERS OR MONEY BACK!

Our newly-developed, giant Hanging Basket Begonias are a rare California strain—selected for size, color, abundance of bloom. Bulbs measure a large 1¼"-2½" across. Each must produce up to 100 mammoth flowers this year. Otherwise receive free replacement or your money back.

Demand is sure to exceed supply. Out of every 100 top-quality bulbs we screen, we choose only the cream of the crop. There just won't be enough of this large size to go around. So to be sure you enjoy their rare beauty this summer, order today! Mail the coupon now!

Stern's Nurseries PATIO G, GENEVA, N. Y.

SPECIALISTS IN RARE AND CHOICE TREES, PLANTS AND FLOWERS

Rare and Magnificent—*Here's where our amazing Hanging Basket Begonias were developed! This is the exhibition hall of Stern's hybridizers on the Monterey Peninsula in California, where the strain originated. Visitors often compare it to a cathedral of flowers!*

Have the world's most fabulous Hanging Basket Begonias in brilliant Red, Orange, Pink, Salmon, White, Yellow

3 - $2.75 (red, yel., pink) | 6 - $5.00 (1 of ea. color) | 12 - $9.00 (2 of ea. color) | 18 - $12.00 (3 of ea. color) | 30 - $18.00 (5 of ea. color)

all prices postpaid • send check or money order

GIVE YOUR HOME THIS CROWNING GLORY! RUSH THIS COUPON TODAY!

STERN'S NURSERIES, PATIO G, GENEVA, NEW YORK

Please rush me, postpaid, the following guaranteed Hanging Basket Begonia bulbs:

☐ 3 for $2.75 ☐ 6 for $5.00 ☐ 12 for $9.00
☐ 18 for $12.00 ☐ 30 for $18.00

Check or money order enclosed for total: $.....

Name .....

Address .....

City ..... State .....

Thrill to the Beauty of Clematis in Your Own Garden!

There are few joys equal to the glorious breath-taking beauty you'll find in a garden of Clematis. These perennial vines are hardy, easy to grow, and will produce a super-abundance of gorgeous colorful blooms with normal care (and the helpful tips you'll find in our free catalog; see below.)

We Ship Only 2 Yr. Plants in own soil!

They have a better start and will often bloom the very first year. Clematis are available in a wide range of colors and varieties—large or small blooms, pastels, rich solid colors, multicolors.

Here's an offer that's sure to please even the newest gardening beginner:

ROYAL GARDEN Collection

To grow on porch, trellis, wall, fence or as garden background, these four vines will give you a rich and beautiful start this year, and will continue a joy for years to come. One plant each of: ERNEST MARKHAM, red; DUCHESS OF EDINBURGH, double, white; LORD NEVILLE, medium purple; and JACKMANI, deep purple.

ALL 4 STURDY PLANTS $6.90 postpaid.
(One plant, $1.95 postpaid.)

"FLOWER GROWER" SPECIAL

Those who already know and grow Clematis, or the beginner who wants more varieties, will find this an excellent collection. Contains one each of:

Bell of Woking, double bluish mauve
Crimson Star, bright red
Jackmani, exceptional purple
Lady Betty Balfour, velvet purple
Henyri, extra large white
Mrs. Cholmondeley, light blue

ALL 6 plants shipped at proper planting time, only..... **$9.95** Postpaid

SO MANY WONDERFUL, BEAUTIFUL WAYS TO USE CLEMATIS

Grow Clematis almost anywhere—on lamp posts, garden or porch trellises, over or around doorways, on walls, fences, gate posts—even to cover an old stump or a rock outcropping. In a large clay pot or wooden tub they make a fine display for terrace or alongside pool; (some folks put the tub on wheels or casters for easy moving around the terrace). Can also be grown indoors in colder months for off-season blooms.

NEW COLOR CATALOG FREE.

16 pages of color, varieties, descriptions on world's largest collection of Clematis, plus other vines and ornamentals. It's free—check box on coupon at right.

JAMES I. GEORGE & SON, INC.
FAIRPORT 3, N. Y.

TO 3-359
James I. George & Son, Inc.
Fairport 3, New York Date .....
Please send me the items and varieties checked below.
I enclose $..... ☐ Check ☐ Money Order.
☐ "Royal Garden" Collection; 4 plants $6.90 ppd.
☐ ..... plants @ $1.95 each ppd. (attach name list of single plants.)
☐ "Flower Grower" Special, 6 plants $9.95 ppd.
☐ New Free Catalog in color

Name .....
St. & No. .....
City, Zone, State .....

Enjoy Big, Beautiful STAR ROSES

IN YOUR GARDEN

Star Roses are famed the world over for their character and quality. Each is a strong, bushy, hardy plant that will grow and last for years. Every one is guaranteed to bloom—every one is beautiful. Listed here are the newest introductions, the winner of the 1958 All-America Award, and the most popular rose ever grown. *To order—just check the boxes and send this entire page with check or money order. Include your name and address.* Act now and we will ship your order at proper planting time, postage paid. Cultural directions sent with every order.

NEW PINK PEACE

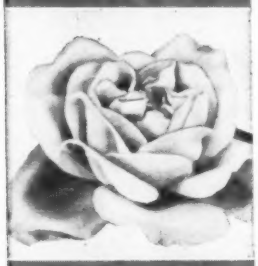
Miracle rose, direct descendant of the famous Peace Rose. Gorgeous deep pink buds grow to huge, shimmering blooms with 60-65 giant petals. Long, straight stems, upright, bushy plant. Vigorous and full-blooming, wonderfully fragrant. A new Hybrid Tea Rose masterpiece!

☐ **$3.00 each, ppd.**
☐ **3 for $7.95, ppd. (Pl. Pat. 1759)**

NEW TORCH SONG

Like a smoky flame alive with flying sparks, this new Hybrid Tea is a real color break! Buds are a sultry vermilion—blooms are brilliant orange-red inside with deep smoky reverse. Blooms of 35 to 45 petals each come on medium-long stems.

☐ **$2.50 each, ppd.**
☐ **3 for $6.60, ppd. (Pl. Pat. 1760)**



NEW TAPESTRY

A capricious new charmer that will delight and bewitch you with its whimsical color changes. Every bloom is a fascinating mixture of yellow, flame and copper—and no two blooms alike. 35 to 40 petals. And all this with a spicy scent, on a low-growing plant.

☐ **$3.00 each, ppd.**
☐ **3 for $7.95, ppd. (Pl. Pat. Pendg.)**

NEW FANTAN

An "almost brown" beauty . . . a warm, eye-catching tan. 3½ inch blooms with 40 to 55 petals, one to each medium long stem. The plant is of medium height and the scent is mild but pervasive. This is a novel "different" kind of rose for your garden.

☐ **$3.50 each, ppd.**
☐ **3 for $9.30, ppd. (Pl. Pat. Pendg.)**

GORGEOUS CHRYSLER IMPERIAL

Rich, exciting, deep red rose with wonderful form and fragrance—an All-America Winner. Large flowers with 40 to 50 big petals come one to the stem. Vigorous plant reaches middle height and is sturdy and disease-resistant. You can't help but love this splendid rose.

☐ **$2.50 each, ppd.**
☐ **3 for $6.60, ppd. (Pl. Pat. 1167)**

WINNER WHITE KNIGHT

All-America Winner for 1958—the first white Hybrid Tea to gain this honor! It's a pure, satiny white that doesn't change with the weather, and it has magnificent 5-inch blooms with 28 to 35 substantial, sculptured petals. On a 3-foot plant, excellent for cutting.

☐ **$3.00 each, ppd.**
☐ **3 for $7.95, ppd. (Pl. Pat. 1359)**

NEW PERFECTA (KORDES)

Huge blooms of cream overlaid with pink or rose. This is a beauty that's new in America this year. Big, full flowers, one to each long, strong straight stem. Delicately fragrant. Sturdy, disease-resistant plant.

☐ **$3.50 each, ppd.**
☐ **3 for $9.30, ppd. (Pl. Pat. 1604)**

NEW SUNLIGHT

It's the color of sun on a mellow fall afternoon, rich-toned and beautiful, possibly the finest yellow yet produced. One to three flowers on each sturdy stem. 43 to 48 petals. The classic opening bud is Chinese yellow, occasionally lightly tinted with Mandarin red. Tall-growing, delicately perfumed.

☐ **$2.50 each, ppd.**
☐ **3 for $6.60, ppd. (Pl. Pat. 1576)**

FABULOUS PEACE

Even the newest beginners know about Peace—even the newest beginners have remarkable success growing it. It's big, it's beautiful, it's strong and vigorous—no wonder it's the world's most famous rose! Huge and handsome golden blossoms, edged with pink. You'll want more than one!

☐ **$2.50 each, ppd.**
☐ **3 for $6.60, ppd. (Pl. Pat. 591)**

SPECIAL STAR ROSE OFFERS

☐ Enjoy these four delightful colors . . . Chrysler Imperial (red), Peace (yellow), Pink Peace (deep pink), White Knight (pure white). **All 4 for only $9.70. Value $11.00 (OFFER B)**

☐ Four fascinating new roses to gladden your heart . . . Perfecta, Sunlight, Tapestry, Torch Song. **All 4 for only $9.95. Value $11.50. (OFFER C)**

Every Star Rose is guaranteed to bloom

Star Roses
WEST GROVE 402, PA.

ORDER NOW!

The Conard-Pyle Company
Our 62nd Year

To grow better lawns, shrubs and flowers, buy the bag with this tag

For sustained, healthy growth, lawns and plants must have nitrogen. Du Pont "Uramite" is the highest-quality, long-lasting nitrogen fertilizer compound available. Many leading golf courses and nurseries depend on it for a uniform, continuous supply of nitrogen to grow superior turf and plants. This year, many manufacturers of fertilizers for home use will offer mixtures containing "Uramite." Look for the tag to find these new mixtures when you visit your garden-supply dealer.

"Uramite" as the major nitrogen source in mixed fertilizers helps make mixtures safer because it won't burn or discolor plants when used according to directions. In addition, you'll find these fertilizers are a better buy because the gradual release rate of "Uramite" provides a continuous, uniform supply of nitrogen.

Nitrogen is an essential plant food which must be available during the entire growing season to produce beautiful lawns, flowers, and shrubs. The key to best results is the presence of large amounts of long-feeding nitrogen in the fertilizer. The major portion of the nitrogen in this bag is from the new, long-lasting nitrogen material, Uramite®.

CONTAINS DU PONT URAMITE® Fertilizer Compound

Look for this tag!

DU PONT

Better Things for Better Living ... through Chemistry

THESE FERTILIZERS CONTAIN DU PONT "URAMITE":

Gro-Well Lawn Food *J. & L. Adikes, Inc. Jamaica, N. Y.*

Aiken's Best for Turf *Aiken Fertilizer Co. Aiken, S. C.*

ACC Soil-Tex *The Albuquerque Chemical Co., Inc., Albuquerque, N. M.*

Bandini 10-3-3 *Bandini Fertilizer Co. Los Angeles, Calif.*

Ura-Form *F. W. Bolgiano & Co. Washington, D. C.*

Famous 75 *Central Chemical Corp. Hagerstown, Md.*

Corenco Fertilizers *Consolidated Rendering Company Boston, Mass.*

Green Lawn *Cooperative G.L.F. Exchange, Inc. Soil Building Div. Ithaca, N. Y.*

Greener 24 *Florida East Coast Fertilizer Co. Homestead, Fla.*

Acre-Action *Graco Fertilizer Co., Cairo, Ga.*

Turf Fertilizers *High Point Mills, Inc. Henrietta, N. Y.*

Double-H Turf and Tree Food with "Uramite" *The Hubbard-Hall Chem. Co. Waterbury, Conn.*

Super Lustre Lawn for Turf *Lustre Lawn Fertilizer Co. Walbridge, O.*

Double Green-O-Ganic *Magnolia Fertilizer Co. Seattle, Wash.*

Mico-Form *Miller Chemical Co. Baltimore, Md.*

C.F.S. 10-5-5 Lawn and Turf Plant Food *Pennsylvania Farm Bureau Co-op Assn. Harrisburg, Penna.*

Peters Special *Robert B. Peters Co. Allentown, Penna.*

Fertilizer Compound

Rath Lawn Special *Rath Packing Company Waterloo, Ia.*

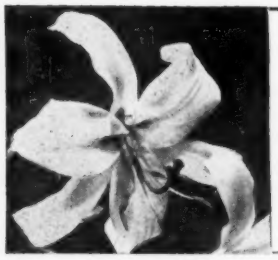
Till-Gro *W. B. Tilghman Co., Inc. Salisbury, Md.*

Vaughan's "One Shot" Merion Fertilizer *Vaughan's Seed Co. Chicago, Ill.*

Blohm's Special Mixture *Western Golf Course Supply Co. Portland, Ore.*

Wil-Gro 10-3-3 *Wilbur-Ellis Co. Los Angeles, Calif.*

Wilson's Special Lawn Food *Andrew Wilson, Inc. Springfield, N. J.*



LILIES

for Spring planting

Send for our free colour catalog of world's largest selection of hardy garden lilies. We handle importation details for American customers.

Lily Seed with complete instructions; immediate delivery. Aurelian, Golden Clarion, Olympic White, Olympic Pink, Red Knight. $1.00 per package; 3 for $2.50, 5 for $4.00.

Sandy Best **GREENOCK FARMS**

Dept. G, Georgetown, Ontario, Canada

Midwest Pointers

by R. MILTON CARLETON
(Hinsdale, Illinois)

Early planting; seeds indoors; lawn care; starting bulbs, tubers, et cetera; control crab-grass; early rhubarb; miscellaneous March tips.

MARCH SNOW is good and bad. Good because it keeps things frozen and prevents alternate thawing and freezing. Too, it brings down nitrogen from the air—fertilizer which costs nothing. Bad, because when it melts, it soaks the ground so the gardener can't work. When early crops must go in, try blotting up excess soil moisture with peat moss or vermiculite. Often just a little of this treatment will mean the difference between being able to plant and not being able to plant.

• **Early planting**—Make plantings of the hardiest annuals and vegetables as soon as possible. If the soil is covered with vermiculite or peat moss, usually no further covering is necessary if seed is broadcast directly in loose surface.

No matter what you do in March it will probably be wrong, at least in part. No one can predict whether it will be a good year to sow beans and other tender seeds outdoors towards the end of the month (as I have done with success some years) or whether our last frost in the Chicago region will come about Decoration Day.

• **Seeds indoors**—Don't start seeds of tomatoes and other early vegetables too soon. Down towards the Ohio river, these can go in the first week in March, but better wait until the end of the month farther north. Otherwise they will be too big to transplant well. If you use the new peat-and-fiber pots you can start seed a bit earlier, as even large plants can be transplanted with little or no shock.

• **Lawn care**—Start working on the lawn as soon as it is dry enough for your feet not to sink in. The earlier fertilizer can be applied the

America's Beautiful Pair for '59

ROTO-HOE "300"

Complete **$227.50***
(Attachment only, $58.*)

Complete **$219***
(Attachment only, $49.50*)

Model 300
ROTO-HOE
Two speeds, self-propelled rotary tiller-cultivator

Model 2600
ROTO-CUTTER
Self-propelled, close trimming, 26" width of cut

Here are garden and lawn companions to gladden the heart of anyone who's ever sweated behind a lawn mower, or lost the garden battle to weeds. For these powerful "customer-proven" tools will till and cultivate and mow and trim so rapidly and easily that it really becomes FUN to have a garden and lawn again. The ROTO-CUTTER is hard to equal in efficiency on most lawns. Wherever there are trees, fences, borders, and close-trimming is required, this mower will do a better job, easier than any riding mower can.

THESE ATTACHMENTS ALL USE SAME POWER PLANT!

SAFE-SPEED EDGER. High-torque operation results in cleaner, closer edging at lower speeds, minimizes danger of throwing stones and sticks. Can also be used to till small garden areas. Attachment only, **$37.50***

ROTO-ZEPHYR SPRAYER. Five gallon power sprayer on wheels with 15 ft. of hose and pistol grip nozzle, adjustable from cone to stream spray. Makes home orchard spraying easy. Pump built by one of America's best manufacturers. Attachment, **$79.***

ROTO-BRUSH SAW. 20" blade operates in either horizontal or vertical position, to cut down trees, clear brush, saw wood. Attachment, **$48.***; special tilting table to convert this saw for sawing cordwood costs **$19.*** additional. Lawn Aerating Discs convert rotary tiller to do excellent aerating job.

SNOW DENSA-THROWER. Also gives power snow removal that saves hours of hard work. Self-propelled attachment, **$74.***

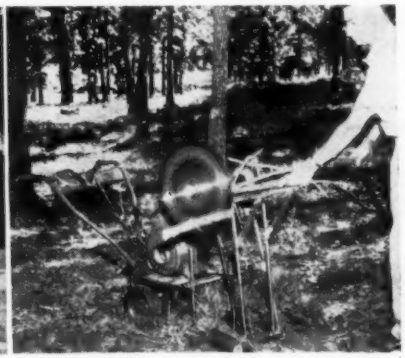
MAKE THE WISE INVESTMENT

BUY ROTO-HOE

Why waste your money on single purpose tools? This *one big* power unit operates so many proven attachments that make all your other lawn and garden jobs so much easier, and keep your total investment far less. Changing from one attachment to another is quick and easy with the PRESS-MATIC system; you just pull to release, push to attach. The Big 4 h.p. (Clinton or Kohler) engine has more than ample power to do all the jobs you ask of it. Thousands of ROTO-HOE owners testify that nothing compares with the Model 300 in performance at anywhere near its modest price. You owe it to yourself to investigate and compare. See your ROTO-HOE dealer today—and really start to ENJOY YOUR GARDEN & LAWN JOBS!

***All prices subject to variation or change without notice.**

FREE FOLDER — USE COUPON BELOW



TO ROTO-HOE, Dept. FG-1
Newbury, Ohio

Please send me complete information on the BIG Model 300 ROTO-HOE and its low-cost attachments; also name of nearest ROTO-HOE dealer where I can see it demonstrated.

Name _____

St. & No. _____

City, Zone, State _____

Send me literature on other ROTO-HOE lines as checked:

☐ Standard Model 148 ☐ Hummin' bird ☐ "Islander" Riding Mower

WE FEATURE THE

All-America Glads

JOYOUS (rose-red)
SPARKLER (butter-fly type, yellow, red blotch)
APPLEBLOSSOM (delicate pink)
CARIBBEAN (violet, deep blotch)
EMPEROR (white-throated purple)
MAYTIME (deep pink)
ROYAL STEWART (ruffled red)

Joyous and **Sparkler** are the 1959 All-America winners, currently saluted by FLOWER GROWER and other leading publications.

Our stunning 1959 catalogue lists *all* the newest and best gladiolus available. Over 40 varieties are shown in color and many are illustrated in effective arrangements by Carl Starker, renowned lecturer and arranger.

Special offers and collections make ordering from Noweta an exciting adventure. Satisfaction guaranteed.

NOWETA GARDENS, Box FG
St. Charles, Minnesota

Please send me one each of the 7 All America varieties for $2.00.
Please send me 3 each, 21 bulbs, of the All America varieties for $5.00.
I enclose 25¢ for the 1959 catalogue. I may deduct 50¢ from my first catalogue order. (Catalogue free on bulb orders.)

Name_____
Address_____
City_____ State_____

EDEN ROAD IRIS GARDEN

SEND 25¢ FOR NEW COLOR CATALOG
Tall Bearded Iris
EDEN ROAD IRIS GARDEN
P.O. BOX 117
WENATCHEE, WASH

HOLLY
4 Hardy American Holly, pyramidal tree-type, red berries. **2 Jap. Holly,** evergreen shrub-type. All plants 4" to 6" with mass of roots from 2½" pots. Postpaid at planting time.
Ask for FREE Evergreen Catalog

6 Plants **$5.95** POSTPAID

MUSSER FORESTS Box 7-C INDIANA, PA.

For more and better plants from cuttings . . .

Try the simple "Rootone Dip!"

Available in popular ¼-oz. packet only 35c; or 2-oz. jar only $1.25.

Now, when rooting cuttings, do it the way garden-wise professional growers have done it for years—with Rootone! The famous "one dip" Rootone treatment helps cuttings get a faster start, put out stronger, healthier roots than ever before. Because Rootone has a fungicide added it helps prevent "damping off" and other soil-borne diseases. And would you believe it—it costs you less than 9c to treat 100 cuttings! Try it yourself and see the results!

ROOTONE the root-forming hormone product, fortified with powerful indole butyric acid.

Amchem, Rootone and Transplantone are registered trademarks of Amchem Products, Inc.

AMCHEM **AMCHEM PRODUCTS, INC.**
Formerly American Chemical Paint Company
Niles, Calif. • AMBLER, PA. • St. Joseph, Mo.

TRANSPLANTING? USE TRANSPLANTONE!

better. I find that our heavy clay soils are ruined by the usual rolling. If clods are heaved out use just enough pressure to press them back into place. Avoid rolling otherwise.

The earlier grass seed can be sown the better. In the spring, mixtures are to be preferred as they usually become established better than a single variety. My favorite for this area is a mixture of MERION and DELTA Kentucky blue-grass and PENNLAWN fescue.

• **Starting bulbs, tubers, et cetera**—Stored cannas should be started into growth now. Moisten them and place in a warm room. Start dahlia tubers (for cuttings), gloxinias and tuberous begonias. Lay them on a mixture of damp sand and peat moss.

• **Control crab-grass**—You can kill next summer's crab-grass now by applying the new calcium arsenate pre-emergence controls now. April 1 is the deadline for this over the southern end of the Midwest; April 15 from Chicago north.

• **Early rhubarb**—For early rhubarb, cover a clump with a bottomless barrel over which a piece of polyethylene film is drawn. Surround the barrel with either manure or dried leaves mixed with a good chemical fertilizer.

• **Miscellaneous March tips**—Keep watering amaryllis bulbs to maintain healthy foliage. Next year's flower buds are being formed now.

Now is the time to feed the asparagus bed. Pre-emergence weed killers can also be applied and are a blessing.

Go over the strawberry bed and perennial border and press back any plants heaved out by frost action. Remove mulch gradually.

Questions of the Month

Q. I have a heavy clay soil and can't raise carrots or parsnips. Is there any cure for this?

A. Yes. Apply 200 pounds of ground limestone to 1,000 square feet. Work in all the organic matter you can afford. Coal ashes will also help but be sure all the soluble matter has been washed out of them by winter rains before using. An even easier solution is to plant stump-rooted varieties like OXHEART carrot or SHORT-THICK parsnip as these don't need deep soil.

Q. When I prune my grapes the sap runs for days. Is this harmful?

A. No, this will do no harm.◈

$1.00 BARGAINS

EXCEPTIONAL SPRING VALUES

We proudly present the "Cream of the World's Crops"! Each item produced by an outstanding specialist, and offered directly to you at these amazingly low prices. All bulbs and plants guaranteed to be blooming size, to arrive in good condition, and to satisfy in every respect. All stock shipped at proper planting time.

Any 6 Specials... $5.00 Postpaid

Any 12 Specials.. $10.00 Postpaid

5 Fancy CALADIUM

The large, highly variegated, almost transparent leaves of these unusual tropical plants will brighten any shady border, porch box, or room. Assorted colors. **$1.00** ☐

3 GLOXINIA Tubers

These imported tubers will produce a mass of trumpet-shaped blooms either indoors or in the garden. A wide selection of mixed colors. **$1.00** ☐

8 TUBEROUS BEGONIAS

Double-flowering, camellia - type. Aristocrats of the shade - loving plants. Striking green leaves—large double flowers. A "must" for every garden. Assorted colors. **$1.00** ☐

5 Hardy ORCHID Roots

Hardy Chinese Terrestial Orchid. 12" stems bear dainty, orchid-shaped mauve flowers. Likes semi - shade. Excellent for rock gardens. **$1.00** ☐

50 LUCKY SHAMROCK Bulbs

Lucky Four Leaf Clover. Dainty pink flowers bloom profusely all summer. Dwarf, ideal for rock gardens, pots. **$1.00** ☐

10 Summer HYACINTH Bulbs

(Galtonia.) Grow 5 ft. tall. Bear great, loose spikes of waxy white flowers. Very striking and unusual. **$1.00** ☐

50 Abyssinian GLADIOLUS

Dainty, cream-white flowers, with a splash of chocolate in the throat, and a sweet fragrance. Handle same as gladiolus. **$1.00** ☐

3 Hardy AMARYLLIS Bulbs

Amaryllis Halli (Lycoris Squamigera). "Magic Lily of Japan." In late Spring foliage disappears, and a spike of lavender flowers springs, like magic, from the ground. Hardy. **$1.00** ☐

OTHER $1 BARGAINS

- ☐ 10 Achimenes. Mixed colors $1
- ☐ 1 Agapanthus. Blue Love Flower $1
- ☐ 1 Alpinia Nutans. Exotic Shell Ginger . $1
- ☐ 1 Amaryllis Belladonna $1
- ☐ 1 Amaryllis—Double Flowered Type... $1
- ☐ 1 Amaryllis Equestris. Barbados Lily ... $1
- ☐ 1 Amaryllis Himalaicus from India $1
- ☐ 1 Amaryllis Imperial Japanese strain .. $1
- ☐ 1 Amaryllis—Deep red. Jumbo Size ... $1
- ☐ 1 Amaryllis—Pepermint striped $1
- ☐ 1 Amaryllis. Rare Miniature type $1
- ☐ 50 Anemones. Wind Flowers. Mixed colors $1
- ☐ 1 Amorphophallus. Sacred Lily of India. $1
- ☐ 1 Arum Cornutum. Rare "Voodoo" lily . $1
- ☐ 1 Arisaema. Jack-in-the-pulpit $1
- ☐ 3 Begonias Evansiana. Hardy Type $1
- ☐ 2 Begonias, Rex. Variegated foliage ... $1
- ☐ 3 Begonia, Hanging Basket Type. Mixed $1
- ☐ 3 Begonias, Frilled Carnation Type $1
- ☐ 3 Begonias, Dazzling Two-tone Type .. $1
- ☐ 3 Begonias, Giant Single Type $1
- ☐ 3 Begonias, Rosebud Type $1
- ☐ 3 Begonias, Tufted (Crested) Type ... $1
- ☐ 3 Begonias, Butterfly Type $1
- ☐ 3 Begonias, Miniature Type $1
- ☐ 2 Boussingaultia, Madeira Vine $1
- ☐ 1 Bulbinella. Christmas Gold $1
- ☐ 1 Bamboo Plant. Dwarf Type $1
- ☐ 4 Caladium Esculentum. Elephant Ears . $1
- ☐ 2 Calla Aethiopica. Large white $1
- ☐ 2 Calla—Odorless Black Type $1
- ☐ 1 Calla Hygrophyllum. Purple Edges ... $1
- ☐ 2 Calla Melanoleuca. Black Throated .. $1
- ☐ 1 Clivia Miniata. Evergreen amaryllid. . $1
- ☐ 1 Crinum. Huge lily-like flowers $1
- ☐ 1 Curcuma Zeodaria. Indian Ginger Lily $1
- ☐ 4 Chrysanthemums. Cushion Type $1
- ☐ 4 Chrysanthemums. Tall Flowering $1
- ☐ 6 Dahlias. Dainty Pompon Type $1
- ☐ 2 Eucharis Amazonica. Amazon Lily .. $1
- ☐ 10 Freesias—Summer Flowering. NEW .. $1
- ☐ 6 Gladiolus—Miniature Type $1
- ☐ 6 Gladiolus—Harlemensis strain. NEW . $1
- ☐ 6 Gladiolus—Primulinus hybrids $1
- ☐ 1 Gloriosa. Red and Yellow Climbing Lily. $1
- ☐ 1 Haemanthus Multiflorus. Blood lily . $1
- ☐ 2 Hawaiian Ti Logs. 1 Green; 1 Colored $1
- ☐ 2 Hedychium. Butterfly Lily $1
- ☐ 1 Hymenocallis. White Spider Lily $1
- ☐ 2 Kaempferia. Rare Ginger Lily $1
- ☐ 6 Lily of the Valley. Large forcing Type. $1
- ☐ 12 Lily of the Valley for outdoor planting $1
- ☐ 2 Lily of the Valley—Rare pink form .. $1
- ☐ 3 Lycoris Cinnabarina. Rare orange form. $1
- ☐ 5 Lycoris Radiata. Bright red $1
- ☐ 1 Mirabile. Marvel-of-Peru $1
- ☐ 50 Montbretias. Assorted colors $1
- ☐ 2 Nerines. Fall flowering amaryllid ... $1
- ☐ 4 Ornitogalum Thyrsoides. Chincherinchee. $1
- ☐ 50 Ranunculus. Asiatic Rose. Mixed colors $1
- ☐ 2 Resurrection Plants from Mexico $1
- ☐ 1 Strelitzia Reginae. Bird of Paradise .. $1
- ☐ 12 Tigridias. Mexican Shell Flower $1
- ☐ 10 Sparaxis. Lovely S. African Cape bulb . $1
- ☐ 10 Tritonia. Flame Freesias. Mixed $1
- ☐ 15 Tuberose Bulbs. Double white flowers $1
- ☐ 12 Zephyranthes. Fairy Lily $1

(Watch this column in April for a completely new listing of Dollar Bargains.)

5 REGALE LILIES

America's favorite garden lily. Fragrant, perfectly hardy, and a profuse bloomer. Large white trumpets on tall stems, buds are suffused red before opening. **$1.00** ☐

4 RUBRUM LILIES

Exotic pink lilies from Japan. The graceful reflexed petals make them invaluable for use in corsages, and artistic floral arrangements. Hardy. **$1.00** ☐

4 AURATUM LILIES

The "Gold Banded-Lily." A prominent gold band on its petals gives this outstanding favorite its name. Imported from Japan. Hardy. **$1.00** ☐

5 TIGER LILIES

Attractive, large orange flowers with reflexed petals. An exceptionally vigorous, hardy strain imported from Holland. **$1.00** ☐

5 ESTATE LILIES

A truly hardy "Egster" lily! Attractive foliage, graced with exceptionally large, pure white blooms. Excellent for cutting, as well as outdoors. **$1.00** ☐

3 CALLA LILIES

Ideal house plants, Callas can also be transplanted outdoors for exceptional beauty around pools, rock gardens, etc. We'll ship 1 Yellow, 1 White, and 1 Pink. **$1.00** ☐

50 GLADIOLI

A "Rainbow Mixture" of many outstanding varieties. The best of the large flowering varieties will be found in this choice mixture. Assorted colors. **$1.00** ☐

6 DAHLIA Tubers

These are the large, decorative type. Six different colors are represented—all show varieties. One variety alone normally sells for the price asked for all six. **$1.00** ☐

12 CANNA Roots

Cannas are as exceptional for the beauty of their enormous leaves as for the striking colors of their large flower clusters. Assorted colors. **$1.00** ☐

3 Hybrid AMARYLLIS Bulbs

The Mead Strain of Giant American Hybrids. They can be grown indoors or outdoors, but should be lifted in the Fall. Assorted shades. **$1.00** ☐

ORDER BY MAIL TODAY

GROWERS EXCHANGE, INC.

24300 DRAKE ROAD
FARMINGTON, MICHIGAN

Enclosed find $.....Please send me the bargains I have checked above.

Remember, you can SAVE even more by ordering any 6 specials for only $5.00 postpaid, or any 12 specials for only $10.00 postpaid.

Please add 50c for postage and packing if order is under $5.00. All merchandise will be shipped at proper planting time. Sorry, NO C.O.D.'s.

☐ Send me "World's Most Complete Bulb Book". Lists thousands of rare and unusual bulbs and plants not available elsewhere. 25¢ enclosed.

NAME .....

ADDRESS .....

CITY ..... ZONE..... STATE.....

Now . . . shop for your annual plants where you see this trademark

Buying Sweet Sixteen varieties is the fashionable way to get outstanding new and favorite F_1 Hybrid Petunias, Zinnias, Marigolds and other garden annuals. Foremost plant breeders have selected these varieties as the ones to give you fast, luxurious growth and an abundance of gay, fragrant flowers.

LONG LASTING, COLORFUL BLOOMS

When you buy plants of Sweet Sixteen varieties you see the results of your work soon after planting, and you will be rewarded with a full summer of beautiful blooms.

SEE YOUR LOCAL PLANT DEALER

You will find him most informative and helpful in planning your 1959 garden. Ask for his descriptive Sweet Sixteen folder and look for the full color display of Sweet Sixteen varieties.

SWEET SIXTEEN annuals

Ask for Sweet Sixteen Annuals wherever plants are sold.

Special Offer **All 5 Pkts. for Five—4c Stamps**

Rose Bushes

Flowers in **8 weeks from planting seed. Bloom Every Ten Weeks** from Spring to Fall. In 3 years will be literally covered with Roses perfectly hardy and can be planted in the open ground. Frost will not hurt them

Shoo-Fly

Plant. Keeps flies out of house. It is said flies will not stay where it is grown. Mysterious. **Blooms 60 days from planting.** Flowers Summer and Winter. A beautiful house plant. **We also include**

Weeping Palm

A fine Showy Window Palm. Needs no petting to succeed. Stands dust, dry air, lack of sunshine. **Ornamental.** Elegant **Fan Shaped** leaves of dark green Grows in pots or open ground.

Vine Peach

Ripe fruit in 80 days. Resemble oranges, color, shape and size. Grow on vines like melons. Beautiful, tempting appearance when canned. Makes delicious preserves, sweet pickles. Fine for pies or jelly. Easy to grow.

New Climbing Cucumber

Vines climb readily on fences, poles, etc. saving valuable space in small gardens. One hill will keep a good sized family supplied all summer. Bear early and continue to produce fruit throughout the season. One plant will bear from forty to fifty fruits. Delicious flavor. To introduce our catalog of rare and unusual seeds we will mail all **5 Pkts. for 5—4¢ Stamps.**

E. J. MURVON DEPT. 89 NORWALK, CONN.

West Coast Pointers

by NORVELL GILLESPIE
(California)

Planting subtropicals; planting deciduous plants; selecting citrus fruits; chrysanthemum cuttings.

IT'S DIFFICULT to predict the weather this month in the Southwest! Temperature often changes from hot to cold overnight.

• **Planting subtropicals**—The use of subtropicals is heading toward the northern part of California. At one time, tasty citrus as well as luxuriant tropical foliage plants were thought successful only south of Santa Barbara. But adventurous gardeners with the aid of alert nurserymen, have tested stocks so that the list is getting longer and more reliable each season. This is the best time of the year to set out subtropicals—whether you're in a borderline spot in the northern end of the state, or gardening down near the Mexican border.

• **Planting deciduous plants**—Don't overlook the deciduous plants—such tried-and-true items as roses, berry plants, fruit and shade trees and flowering shrubs, should go into the ground without delay. Otherwise, you either lose a whole season's growth or else you wind up buying the same items canned by the nurserymen so that they can be planted at your leisure. The only thing is, you'll have to pay a slight additional charge for the nurseryman's effort in canning them up. So save time and money by getting bare-root stock in the ground now. Make sure that all newly set out stock is kept moist—not overly soaked, but moist enough so that good growth can take place.

• **Selecting citrus fruits**—The class of fruits that hold the most lure, as far as home gardeners are concerned, undoubtedly belongs to the citrus tribe. If you have space for several trees, you might as well plan to have ripe fruit the year round. It's possible if you plant several varieties of fruits. Some growers claim to have "fruit salad"

"How You Can Grow Beautiful Roses"—A Complete Handbook!—Only 75¢ At Your Newsstand

Now! 3 Friend-Winning Offers from LAKELAND

SAVE! on reg. catalog prices!

Fabulous Fruit 'N Flowers Sensation! . . .

Lakeland's BUSH CHERRY (Prunus Besseyi)

- **15 to 18 Lbs. Of Sweet, Juicy Cherries Per Plant!**
- **Showers of White Bloom In Spring!**
- **Orange-Crimson Foliage In Fall.**
- **Grows Only 4 Ft. Tall.**

You'd prize it as a flowering bush alone . . . but, oh . . . those mountains of cherries! Just picture the fantastic outpouring of flowers, fruit 'n beauty you get from a single, graceful 4 ft. plant! First come clouds of lovely white blooms in spring . . . then the summertime joy of picking up to ½ bushel of sweet, mouth-watering cherries (*about 18 lbs. from a single plant*) . . . marvelous for eating right from the bush . . . for tempting desserts, pies and jellies!

What Other Shrub Can Give You More?

Imagine! It's loaded with glorious flowers, cherries or flaming red-orange foliage 9 months of the year! Amazingly hardy anywhere, takes intense cold or heat; sets fruit lavishly even where soil is poor and weather rough!

Some will actually bloom and bear the 1st season planted, and you can look forward to a bonanza crop the 2nd. To get this "wonder of nature" bush cherry into your grounds this season, please order quickly, as our supplies are limited! We ship 2 yr., 18-24 inch, well-rooted bushes. Plant 2½ ft. apart for a picturesque flowering, fruiting, flame-colored hedge!

Plant 2 for cross-pollination.

#FS-5 Postpaid

2 for $2.25; 4 for $4.00; 20 for $15.00

A PAILFUL OF BERRIES FROM EVERY PLANT!

New! Lakeland's "BLACK MAGIC" EVERBEARING RASPBERRIES

Always in berry from July to frost—First true "all-season" black raspberry

You've heard of black raspberries . . . now comes a new EVERBEARING black raspberry that produces big, luscious berries . . . all the juicy, mouth-watering berries you want month after month.

Pick Generous Crop First Season

If you know your berries, look at these facts to see what a sensational new berry this really is. First to ripen in summer . . . starts with the earliest black raspberry (Logan) and from there on races away from every other variety . . . *from then on it always has berries and blossoms until freezing weather!* And what berries they are! Many measuring 1 full inch across (even larger than Cumberland) and the berries get even LARGER AND LARGER each succeeding time you pick 'em.

Why Is It Everbearing And Heavier-Bearing?

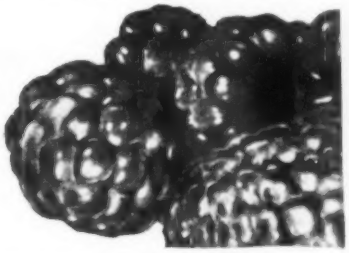
Because this sweet-eating "everberry" not only fruits on the tips of new wood, it also develops side branches which lengthen the berrying season, produce bumper crops! You'll love their extra-firm texture, rave over their lip-smacking flavor picked fresh from your garden . . . delicious in pies, cake toppings, jams, juices or swimming in cream. Extra-hardy; thrives and bears year after year even in bitter-cold mountain regions. Plants are very attractive; make nice bushy ornamentals, about 4½ ft. high; terrific as fruiting-flowering hedges.

1 yr. standard plants,

Postpaid

6 for only $2.95

#FS-9
- **3 for $ 1.75**
- **12 for $ 5.75**
- **25 for $11.00**
- **50 for $20.00**



Big Crops of Berries from Handsome Plants!

Lakeland's TREE WISTERIA

A floral fountain of such exquisite beauty, your yard will look like an "enchanted garden"! Formerly the "showpiece" of distinguished estates, the immense hanging clusters are a never-forgotten sight in full bloom, lavishly borne in fragrant 12" racemes on the most graceful of tree forms. 8-10 ft. high at maturity. Trees we offer are extra-hardy, thick-caliper "own-root" trees that have been severely pruned back year after year ...the only type of Tree Wisteria that NEEDS NO STAKING to keep it upright (grafted kinds do). All trees we ship are hand-picked, SURE-TO-BLOOM; normally bloom 1st season planted. 3-5 ft. shipping size. Hardy down to 10° below zero. The loveliest scene from your picture window! *Lavender-Blue.*

#TS-4 Postpaid $6.50 each; 2 for $11.50; 4 for $21.00

FREE! NEW GIANT COLOR CATALOG

LAKELAND NURSERIES SALES, GARDEN CITY, N. Y. ©1959

"over 900,000 satisfied customers"

LAKELAND NURSERIES SALES, GARDEN CITY, N. Y., Dept. M-51

- 10-Day Money Back Guarantee
- 90-Day Replacement Guarantee
- Shipped at proper planting time for your locality

Enclosed find $_____ in cash, check or money order in full payment for the following items:

.....Bush Cherry (=FS-5) @ $.....

.....Black Raspberries (=FS-9) @ $.....

.....Tree Wisterias (=TS-4) @ $.....

☐ Send me your FREE big Color Catalog

Name .....

please print

Address .....

City ..... Zone ..... State .....

M-51 Note: All orders shipped postpaid. No C.O.Ds. please.

Spray with SCALECIDE before new growth starts

Dormant spraying with Scalecide will prevent damage by overwintering insects and give your plants, trees and ornamentals a good, clean start for healthy growth.

Scalecide kills scale, red mite, aphis, bud moth, case bearer and any other pest that can be controlled at this time by any spray or combination of sprays. And it does the job at little cost—one gallon makes 50 gallons of spray.

Now is the time—before new growth starts—to spray with Scalecide. 1 pint, 95¢; 1 qt., $1.39; 1 gal., $3.25.*

Use this new spray to kill insects on evergreens

Pratt's Spray for Evergreens controls all common insects affecting evergreens, shade trees and ornamentals. Kills aphids, Bagworm, Japanese Beetle, Juniper Webworm, Leaf Hoppers, Red Spiders, mites and many others. Contains Lindane, Malathion, D D T. One pint makes 25 gals. spray. ½ pt., $1.50; 1 pt., $2.50; 1 qt., $4.50.*

Get these safe, effective, economical Pratt sprays *now* at your seed, hardware, or garden supply store. If your dealer cannot supply you order direct.

Use Pratt's Sprays for Every Need

Pratt's Liquid Rose Spray
Pratt's Home and Garden Insect Spray
Pratt's 72% Chlordane for Termites and Ants
Pratt's D-X Insect Spray
Pratt's Shot Gun Spray or Dust
Pratt's Fruit Tree Spray

** Prices slightly higher West of Mississippi River*

Write for free Spray Program
B. G. PRATT COMPANY
197 Twenty-First Ave., Paterson, N. J.

trees, but it is actually more reasonable to plant several trees of different varieties rather than to pick four or five kinds of fruit off one tree.

The Valencia oranges yield tasty fruit all summer long. For a fall and winter crop, plant the ROBERTSON NAVEL. Then for the windup in late winter and spring, set out a tree of the old reliable WASHINGTON NAVEL.

Lemons that are great for pies and beverages are yours for the asking, if you'll plant two or three specimens of MEYER lemon. These are available in bush or tree form for ornamental planting as well as for the fruits. This variety, by the way, is named in honor of Frank N. Meyer, the distinguished plant explorer for the United States Department of Agriculture who lost his life on the Yangtze River in China.

Perhaps EUREKA is the biggest seller when it comes to providing fruits all year long.

Should space be limited in your garden so that the regular-sized citrus trees are ruled out, then try some of the new dwarf types which can be grown in tubs or in small areas. They are decidedly ornamental and bear regular-sized fruits.

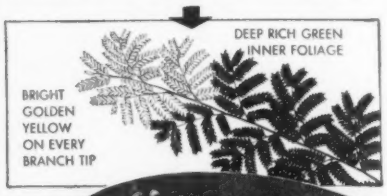
• **Chrysanthemum cuttings**—Chrysanthemums may be propagated by two methods: by division of clumps into small pieces with roots or by cuttings taken from new growth. The latter method is used by commercial growers and usually produces the best plants and blooms. Make cuttings now and place them in washed sand, keeping them moist. When roots have developed, the plants may be set directly out in the garden or placed in 2½-inch pots to be transplanted in April and May. Some varieties root more easily than others; often the choicest ones are most difficult. Put in enough cuttings to allow for loss or make more cuttings later.

Question of the Month

Q. What can be used to kill rust on boysenberries?

A. There is practically no remedy for leaf rust on cane berries, except to make a thorough cleanup in the winter, cutting out all diseased canes either in February or March. Spraying at the time the buds begin to break will be of some help and will also control the Himalayan blackberry mite which causes the so-called redberry disease.◈

TWO-COLOR TREE!



* Plant Patent No. 1313.

Want dramatic new color in your home landscape?

Two-color SUNBURST looks like a flowering tree. Brilliant golden-yellow foliage on every branch tip contrasts sharply with deep, rich green inner foliage to make SUNBURST appear to be in full bloom all summer.

Ideal for lawns. SUNBURST casts lacy, sun-dappled shade beneficial to lawns. Absolutely seedless . . . no ground litter . . . no raking in fall, leaves crumble and disappear.

Inexpensive, easy to grow. SUNBURST is extremely hardy, grows fast with stately, symmetrical beauty, in almost any soil or climate. Highly resistant to insects, disease, storms, extreme heat and cold.

Finest ornamental shade tree you can plant

Don't miss another season. See SUNBURST in color in most mail-order catalogs. Also sold by nurseries and garden stores everywhere. Order yours now and enjoy its colorful beauty for years.

DAHLIAS

16 page **SUPPLEMENT** of the newest and very best in **DAHLIAS** well illustrated with many $1.00 Specials. Also our 1958 CATALOG of 48 pages with Cultural Instructions, altogether listing 775 varieties. Included in the above are

GARDEN CHRYSANTHEMUMS

175 of the finest Outdoor MUMS, many of the Incurved Novelties, Decoratives, Spoons and Spiders. Collections at Special Prices.

Catalog and Supplement FREE on Request.

DAHLIADEL W. W. MAYTROTT, Dept. 24, Vineland, N. J.

World's Most THRILLING HOBBY!

HOW TO GROW ORCHIDS AT HOME...

PROFITABLE Home Business

Purple · White · Yellow
Green · Pink · Bronze
Every Rainbow Color

Learn about special light, temperature and humidity conditions required to grow beautiful Orchids at Home

"Most enjoyable hobby I know. People drove over 100 miles to see this plant. The flowers measured 8½" across. Your Course contains all the information anyone needs to grow Orchids at home."
Thomas Hurst, Utah

We Raised Orchid Plants Worth a Fortune —Starting at Home in Spare Time

Learn From Louis & Gladys Schirmer. Their Orchids Are Widely Sold Throughout the U. S.– Also in Canada, Alaska, & many foreign lands.

START ON TABLE OR WINDOW LEDGE – Successful Family of Home Growers now explain their *personal* methods that have brought nation-wide success . . . Tell how to start with blooming-size plants, ready to flower *in few months* . . . how to select plants to bloom in any season–spring, summer, fall or winter . . . How some Orchids grow without soil, getting food from the air. Their instruction has helped hundreds to start on table or window ledge.

THRILLING HOBBY – Exciting Home Business. Imagine the joy of watching gorgeous Orchids burst into radiant bloom – to be snipped *fresh from the plant* for personal delight, as thrilling gifts, or to sell at good profits. The same big lavender Cattleya Orchids you see in every flower shop – also dozens of others!

FINE PROFIT OPPORTUNITY – Retail – Wholesale Mail Order. The Schirmers live and grow Orchids in the country, miles from the nearest town. Let them tell you from their own experience how to market Orchids from small town, big city, or farm. Millions sold by mail order, year 'round. Tropical Flowerland's "Quick-Profit" Plan helps you start at once, without investment in stock.

Hundreds of Families Growing Orchids at Home with our help . . .

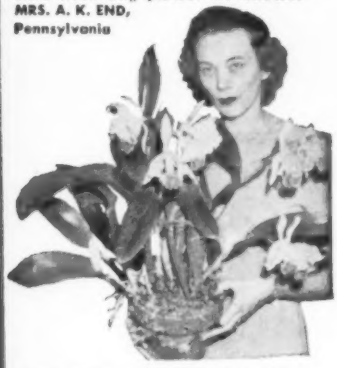
My Orchids are doing fine. I sell many blooms and haven't really started to try yet. I owe my success to the Schirmers.
MRS. FRANK HARWOOD—Oregon

Growing Orchids for profit lets me have my business at home. When I first saw your ad. I had never seen an Orchid.
MRS. SEABIE SMITH —Arkansas

Orchids offer rich reward in beauty. There is financial reward for one interested commercially, as I am. Thanks a million for everything.
MR. S. V. SMART —Colorado

I have standing orders for future flowers and divisions of this plant. I shall always be grateful to the Schirmers.
MRS. ROBERT E. LEE —Ohio

"I never imagined I could raise Orchids at home until I read your Course. This Cattleya had 10 blooms. My husband says they require less care than any flower he knows."
MRS. A. K. END, Pennsylvania



FUN FOR ALL THE FAMILY. It's great fun to grow Orchids. And the whole family can help – from teen-agers up. Mr. Schirmer himself is over 60 – was nearly 50 when he and Mrs. Schirmer first started to grow Orchids for profit.

HOW ORCHIDS MULTIPLY. Learn how *one* Orchid Plant may become *many*, each as valuable as the first – how flower production and plant stock may both increase steadily – year after year – from small beginning. Wonderful business to start in spare time without big investment.

FREE – FULL DETAILS plus (Also Free) 3-Month Subscription to Exciting Publication "THE ORCHIDIAN"

EXAMINE EVERYTHING IN YOUR OWN HOME NO OBLIGATION TO BUY A THING . . .

Read and enjoy this complete Course *before you decide* – nearly 300 large-size pages, 8 big Sections, 74 thrilling Chapters. Filled with show-how drawings & big photos, many in full color. Shows how to grow *30 different kinds* of Orchids – Cattleyas, Cymbidiums, Laelias, Cypripediums, Odontoglossums, Epidendrums, etc. Real blooming-size Orchid Plant included with Course. FREE – full details. Plus an absolutely FREE 3-months Subscription to the "Orchidian," the "show-how" publication for home Orchid growers. SEND NO MONEY. Just name & address on Coupon or postcard. Mail TODAY SURE. Airmail is quicker.

TROPICAL FLOWERLAND, Dept. 73 **100 S. Vermont, Los Angeles 4, Calif.**

REAL BLOOMING SIZE ORCHID PLANT Included with Instructions

Airmail Coupon Now—Send No Money!

TROPICAL FLOWERLAND, Dept. 73
100 So. Vermont Ave., Los Angeles 4, Calif.

(1) Rush me FREE details on your offer of Louis & Gladys Schirmer's Instructions for growing Orchids at home. I understand the Instructions include a real, blooming-size Orchid Plant and valuable "Quick-Profit" Plan.

– ALSO –

(2) Put me down for a FREE 3-months Subscription to the "Orchidian"... the "show-how" Publication for home Orchid growers. DON'T FORGET, THE ITEMS I HAVE REQUESTED ABOVE ARE ABSOLUTELY FREE AND TO BE SENT ME POSTPAID.

Name_____
Street_____
Town_____ Zone____ State____

Northwest Pointers

by MARK TAYLOR
(Salem, Oregon)

Sowing annuals; planting gladiolus; chrysanthemum cuttings; plant perennials; eliminate soil pests.

SEVERE FROSTS ARE PAST about mid-March west of the Cascades—a bit later to the east. As soon as frost is out of the ground the soil can be worked and planting started.

• **Sowing annuals**—Tender annuals such as petunias and snapdragons can be started indoors now. Along the coast and in the Willamette Valley they can be sown outdoors under a cloche, Hotkap or cold frame. Hardy annuals—zinnias, marigolds, cosmos—can be sown directly outdoors as soon as frosts are past.

• **Planting gladiolus**—Plant corms at ten-day intervals to ensure continuous bloom through summer and fall. The first corms may be planted two weeks before the last killing frost. Most varieties take from 75 to 90 days to flower so be sure to allow sufficient time for your last planting to flower before frost.

• **Chrysanthemum cuttings**—Make 3-inch cuttings from the new growth on old plants. Root in a mixture of sand and peat moss, vermiculite or perlite. Cuttings always produce better plants and flowers than old clumps. When well rooted they can be transplanted to the garden.

• **Plant perennials**—March is a good time to set out perennials while they are still dormant. Order some of the new varieties of phlox, gerbera, shasta daisy and aster. Early planting gives the roots time to become established before top growth begins.

• **Eliminate soil pests**—Use of chemicals—chlordane, Dieldrin and aldrin—will usually control troublesome soil insects. Apply to the soil either in liquid or dry form. If moles are a problem, ridding the area of soil pests will eliminate the moles' favorite food and they will go elsewhere.◈

How to train the young shade tree

by R. MILTON CARLETON

GARDENERS will do well to remember, "As the twig is bent, the tree's inclined." This old adage reminds us that the time to train a tree is not as it approaches maturity but during the first year or two after planting.

Too many homeowners wait until a newly set tree has grown in the wrong direction or until the stem has formed a definite crook before they start training. By that time the damage has been done and only drastic remedies will do much good. Even these often fail to fully correct the trouble.

The photographs that follow show a young MORAINE locust, selected because this variety is rapidly becoming a contender for America's best shade tree. The same training will, however, work on elms, oaks, lindens, maples, beeches and most other upright-growing trees. They show how a combination of bending, shaping and pruning can train the tree.

Timing is as important as the actual cutting and bending which is illustrated. At two periods during the growing season any breaks or cuts will heal rapidly. At these times the owner can deliberately produce breaks in the bark or wood for training.

The first period is in early spring, usually in late March to mid-April in the area north of the Ohio River and east of the Great Plains. At this season, sap is moving actively and fills in any breaks made

Continued on pages 32 & 33

An extreme example of a crooked sapling Moraine locust. With training it can become a well-shaped tree.

SEE YOUR AUTHORIZED GRAVELY DEALER

For your FREE 24-page, illustrated booklet, "Power Vs. Drudgery", or a FREE Demonstration without obligation, phone your Gravely Dealer. These specialized, franchised Dealers not only sell Gravely, but also stock parts and have factory-method service facilities. Call on them today for expert, specialized knowledge that will solve your lawn and garden maintenance problems! . . . (Due to space limitations, not all Gravely Dealers could be listed. If you don't find a near-by Dealer, write Gravely Tractors, Inc., P. O. Box 611-C, Dunbar, W. Va. "Power Vs. Drudgery", with name and address of Dealer will be sent to you promptly.)

	PHONE
ALABAMA	
BIRMINGHAM—Gravely Sales Co., 6727-1st Ave. N.	WO 1-7342
FLORENCE—Morris Milling Co., 314 E. Tenn. St.	AT 2-9313
ARIZONA	
MESA—Gravely Equipt. Co., 844 W. Main St.	WO 4-9612
ARKANSAS	
LITTLE ROCK—Gravely Tractor Agency, 3400 Asher Ave.	MO 3-1421
MENA—Rodger's Roadside Repair, N. U.S. 71	1080
CALIFORNIA	
El CAJON—Winter Gardens Emporium, 8109 W. G. Blvd.	HI 3-6163
FALLBROOK—Fallbrook Tractor, 706 S. Main St.	RA 8-2258
HEMET—Gravely Tractor Agency, 1352 E. Oakland	OL 8-6456
LOS ANGELES—Gravely Pac., Inc., 1486 Colorado	CL 6-0889
SACRAMENTO—Bar-Hein Tractor, 2113 Arden Way	WA 5-3591
CANADA	
CHATHAM—Norton Smith Cycle Service, 181 Thames St.	EL 4-3990
MONTREAL, P. QUEBEC—Thomson-Vanier Equipt. Co., 739 Mountain St.	UN 6-3386
TORONTO—Gravely Canadian, Inc., 2989 Bathurst St.	RU 3-3751
COLORADO	
DENVER—Gravely Colo., 11810 W. Colfax	BE 3-2112
CONNECTICUT	
SO. NORWALK—Gravely Tractor Sales, Post Road	VO 6-6845
STRATFORD—The Magovern Co., Inc., 1260 Barnum Ave.	ED 7-7325
	DR 8-9333
TORRINGTON—Lawrence Engine & Grinding Service, 1009 E. Main St.	HU 2-1641
UNCASVILLE—Gravely Conn., Inc., R.F.D. #1	TI 4-9295
WETHERSFIELD—The Magovern Co., Inc., 225 Silas Deane Hwy.	HA, JA 9-2591
DELAWARE	
WILMINGTON—Gravely Del-Mania, Inc., 6618 Gov. Printz	SY 8-1573

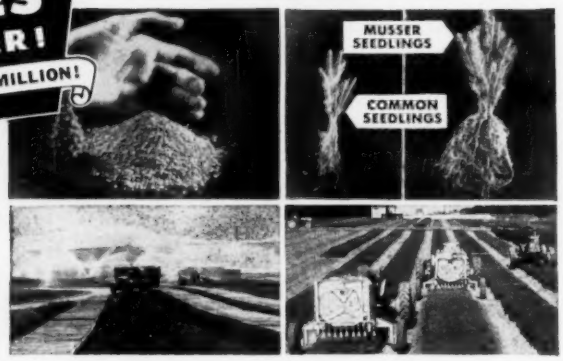
SEE DEALER LISTINGS ON PAGES 31-39

MUSSER TREES *Grow*

Our tremendous volume is proof of Satisfied Repeat Customers

*20 MILLION TREES A YEAR!

*NOW OVER 35 MILLION!



- SELECTED SEED
- GOOD HEREDITY CHARACTERISTICS
- WITH SCIENTIFIC METHODS OF PLANTING AND PROPAGATION
- HEAVY ROOTS
- STURDY TOPS
- RAPID GROWTH

It Pays to Buy The Best — The quality of your matured trees depends on your original choice of stock. Trees are as different as common and purebred live-stock. Musser trees are grown from selected seed from mature, hardy, disease-resistant parent trees — they grow where others may fail to survive.

SEEDLINGS AND TRANSPLANTS AT LOW, QUANTITY PRICE

MANY VALUABLE SPECIALS

25 EVERGREENS **$5.00**

5 each, 3 to 5 yr. selected trees, 8" to 16". Scotch Pine—Austrian Pine—Norway Spruce—Colorado Blue Spruce—Douglas Fir.

5 BLUE SPRUCE **$3.95**

5 year transplants, 8" to 12", blue green to marvelous blue. "The King of Ornamentals".

6 RHODODENDRON & 6 AZALEAS ... **$5.95**

Strong 2-year, transplants, 4" to 8". Abundant roots, large leaves. Azalea, hardy, mixed colors. Rhododendron from red flowering stock.

Postpaid at planting time

50 at 100 rate	*Per 100*	*Per 1000*
SPECIAL STRAIN SCOTCH PINE Very best Christmas tree strain. From seed collected by our own men from selected parent trees. Exceptionally healthy, sturdy, straight stemmed, rich color.		
2-yr., S., 4 to 8 ins.	$ 6.00	$ 30.00
4-yr., T., 8 to 12 ins.	20.00	100.00
NORWAY SPRUCE — Special Strain Fast growing. For Christmas Trees, Ornamental and Timber.		
2-yr., S., 5 to 10 ins.	$ 7.00	$ 35.00
3-yr., T., 6 to 12 ins.	15.00	75.00
AUSTRIAN PINE — Austrian Alpine Stock		
2-yr., S., 3 to 6 ins.	$ 5.00	$25.00
3-yr., S., 8 to 12 ins.	9.00	45.00
COLORADO BLUE SPRUCE		
3-yr., S., 4 to 8 ins.	$ 9.00	$ 45.00
4-yr., T., 4 to 8 ins.	18.00	90.00
DOUGLAS FIR — Hardy		
2-yr., S., 5 to 10 ins.	$ 7.00	$35.00
3-yr., S., 8 to 12 ins.	11.00	55.00

Many other Evergreens, Hardwoods, Ornamental and Shade Trees

FREE CATALOG
PLANTING AIDS
CHRISTMAS TREE GROWERS' GUIDE

Write TODAY or Phone HO 5-5686

MUSSER FORESTS BOX 7-C INDIANA, PENNA.

MORE FOR YOUR MONEY

EZYRECTED ALUMINUM, REDWOOD GREENHOUSES

EASY! YOU ONLY ASSEMBLE FABRICATED PARTS.

- Designed by gardening experts.
- Production line precision with a custom-made look.
- Big variety sizes and styles — one to fit your need.

Get EZYRECTED — the extra-quality greenhouse for no extra cost! **FREE!** Write now for color catalogue.

TEXAS GREENHOUSE CO.
GREENHOUSE MANUFACTURERS
1508 WEST ROSEDALE FT. WORTH, TEXAS

PHOTOGRAPHS FROM SIEBENTHALER

Hand pressure breaks cells on inside of curve. As tree heals, breaks fill with woody cells, stiffening trunk.

In trees with compound curve, the straightening is best done in two stages. Stake tree after bending.

To take out short bend, make vertical slit in the bark. This allows trunk to bend with little pressure.

during the training operation. This thickens and toughens the wood so it is less likely to bend. By the time the tree is in full leaf, this activity slows up and healing is less rapid.

Second period is after twigs have stopped growing lengthwise, usually in early to late August. At this time the twigs begin to swell slightly in diameter, indicating that they are storing food for next season's growth. Healing and new wood formation are also quite active at this time.◈

Cut should go through hard outer bark and green cambium layer but not into white wood. When cut heals there will be a faint scar as shown on the tree above.

Heavy top often pulls trunk out of line. Cut back long branches from ⅓ to ½ their length. Remove any crossing branches and retain the best-spaced branches.

SEE YOUR AUTHORIZED GRAVELY DEALER

	PHONE
FLORIDA	
BOYNTON BEACH—DeMarco Tractor, Box 458	2962 or 3485
DAYTONA BEACH—Rice Maintenance Co., 529 Orange	CL 3-4361
FT. PIERCE—Minton Equipt. Co., 511 S. 4th St.	HO 1-0800
GAINESVILLE—Hill Equipt. Co., 1823 Hawthorne	FR 6-2789
ONECO—Gravely Tractor Sales, Box 847	Sarasota, EL 5-6358; Bradenton 6-3247
ORLANDO—Gravely Fla., Inc., 2424 S. Orange Blossom Tr.	GA 2-7951
GEORGIA	
ALBANY—Gravely Ga., Inc., 704 Radium Springs Rd.	HE 6-5804
ATLANTA—Gravely Dixie, Inc., 1430 Bankhead Ave., N.W.	SY 4-2515
GARDEN CITY-SAVANNAH—Jones Equipt. Co., 61 Main St.	AD 2-5859
ILLINOIS	
HARRISBURG—Gravely Lawn & Garden Equipt., R. 1, Box 64	CL 3-7270
PALATINE—Gravely Equipt. Co., 225 N. NW. Hwy.	FL 8-1020
ROCKFORD—Art. Johnson Sales, 1117 Charles St.	4-1732
INDIANA	
BLOOMINGTON—Bloomington-Gravely, 114 W. Grimes Lane	ED 9-9714
COLUMBUS—Gravely Tractor Sales, Norton Pl. Marr Rd.	DR 6-3096
EVANSVILLE—Lawn & Garden Cntr., 2301 Div. St.	GR 6-2966
FORT WAYNE—Gravely Ind., Inc., 3622 U. S. 30 & 33 W.	FR 1570
GARY—Steel City Lawn & Garden Equipt., 4853 Bdwy.	TU 4-7612 TU 4-0302
INDIANAPOLIS—Gravely Indianapolis, 5324 English Ave.	FL 6-3656
LAFAYETTE—Lafayette Gravely Sales, Rt. 38 E.	2-2501
LOGANSPORT—Gravely Tractor Sales, 613 Hawthorne	5-6548
SOUTH BEND—Gravely Tractor Agency, 62981 U.S. 31 S.	AT 8-3834
WEST TERRE HAUTE—Garden Tractor Sales, 815 National Ave.	DR 6145
IOWA	
CEDAR RAPIDS—Garden Equipt., 210 3rd Ave. S.W.	EM 3-3421
DAVENPORT—Gravely Ia-Nois, 3718 Rockingham Rd.	2-7740
MT. PLEASANT—Don's Gravely Sales, ½ Mi. E. on Hwy. 34	BL 462
KANSAS	
ABILENE—Gravely Tractor Agency, 310-½ Bdwy.	304 or 1049
FOWLER—Reimer Machine Works, Hwys. 54 & 96	MI 6-5456
TOPEKA—George Smith Garage, 4109 N. Central	FL 7-4863
WICHITA—Gravely Wichita Co., 401 N. West St.	WH 3-5811
KENTUCKY	
DANVILLE—Gravely Tractor Sales, 215 Forest Ave.	2952
LEXINGTON—Gravely Ky., Inc., 931 Winchester Rd.	2-8811
LOUISVILLE—Jack Dayton & Son, 743 E. Main St.	JU 3-0262
LOUISIANA	
BATON ROUGE—Gravely Tractors, 2250 Gayosa St.	DI 2-5326
METAIRIE—Gravely Delta, Inc., 3832 Airline Hwy.	VE 5-3071
SHREVEPORT—R. W. Hodge & Sons, 8121 Mansfield Rd.	65-1215
MARYLAND	
ANNAPOLIS—Gravely Md., Inc., 141 Defense Hwy.	CO 3-6882
CENTREVILLE—Mallonee Equipment Co.	145
HAGERSTOWN—Milton C. Tegeler, 1423 Dual Hwy.	RE 3-7730
OXFORD—Charles J. Richardson, Inc.	CA 6-5123
RIDGE—Gravely-Roach	Triangle 2-5175 or 2-5312
WHEATON—E. E. Hobbs Co., 2400 University, W.	LO 4-7707
WOODLAWN—Gravely Tractor Agcy., 6400 Windsor Mill Rd.	WI 4-3200

SEE DEALER LISTINGS ON PAGES 31-39

Distinctively Beautiful

MORAINE® LOCUST

The delicate, green foliage of this graceful tree, its fast growth and resistance to disease and insects have made the Moraine® Locust America's favorite tree. It attains a twenty-five foot height in just seven years . . . lawn grass grows luxuriously underneath! Landscape sizes up to 3" available. See your local leading nursery or garden store.

MORAINE® LOCUST
The aristocrat of shade trees

Moraine is a trademark owned by The Siebenthaler Company, Dayton 5, Ohio, in both the United States and Canada.

LET'S TAKE A GARDEN TRIP

Williamsburg benches beckon to YOU!

SYMPOSIUM MEMBERS — those lucky gardeners who will attend the thirteenth annual Colonial Williamsburg Garden Symposium this month—will find many gardening ideas to take home with them from Williamsburg.

The walks of Williamsburg (see FLOWER GROWER for November 1958, page 43) and the fences and gates of Williamsburg (see FLOWER GROWER for December 1958, page 64) will give you many patterns and plans to adapt to your own garden.

The benches, presented here, add their own special charm and a lived-in feeling to the gardens of Williamsburg. And they are just as interesting in a twentieth century garden.

The Williamsburg Symposium this year will be an outstanding event. Mr. T. H. Everett of the New York Botanical Garden will speak at the Gardeners' Banquet during the first session. Other speakers will include Myra J. Brooks, well-known flower arranger; FLOWER GROWER's Marget Cochrane Cole; Edgar Anderson of the Missouri Botanical Garden; and Richard A. Howard of the Arnold Arboretum.

The dates of the Colonial Williamsburg Garden Symposium are March 4 to 6 and March 11 to 13. There is still time to make reserva-

PHOTOGRAPH FOR FLOWER GROWER BY ANNE DUBS

White wooden bench combines diamond-shaped lattice back, turned arm rests, unusual scrollwork on legs.

FASCINATING FLOWERS for Shade

Hardy—for shaded rock gardens, borders, beds, nooks and corners.

SPECTACULAR TRILLIUMS

Large White—(Trillium Grandiflorum)
Height 6 to 12 inches
Purple Trillium—(Trillium erectum)
Large White Trillium—(Trillium grandiflorum)
Painted Trillium—(Trillium undulatum)

1 each or 3 plants for $1.25

GLAMOROUS ORCHIDS

Showy Ladyslipper—(Cypripedium Spectabile)
Hardy Orchids you can grow in those shady nooks—Height 10 to 16 inches
Cypripedium Acaule—(Pink Lady Slipper)
Cypripedium Pubescens—(Yellow Lady Slipper)
Cypripedium Spectabile—(Showy Lady Slipper)

1 each or any 3 plants for $1.75

Send at once for illustrated catalog listing Hardy Wildflowers and Ferns, Hardy Perennials and Rock Garden Gems.

LOUNSBERRY GARDENS
P.O. BOX 125
OAKFORD, ILLINOIS

FREE! 1959 CATALOG OF WORLD FAMOUS "Bristol Mums"

New All-America Winners
Outstanding Perennials

SEND TODAY for your free copy!

Bristol Nurseries Inc.
400 Pinehurst Rd., Bristol, Connecticut

SUB-ZERO ROSES

58 varieties of SUB-ZERO HYBRID TEAS, FLORIBUNDAS, CLIMBERS, CREEPERS and PILLARS.
Also, a large selection of SUB-ZERO TREE ROSES, and our beautiful new SUB-ZERO FOUNTAIN ROSES. For longer lasting beauty in your gardens plant BROWNELL SUB-ZERO ROSES. They will give you many, many years of pleasure.

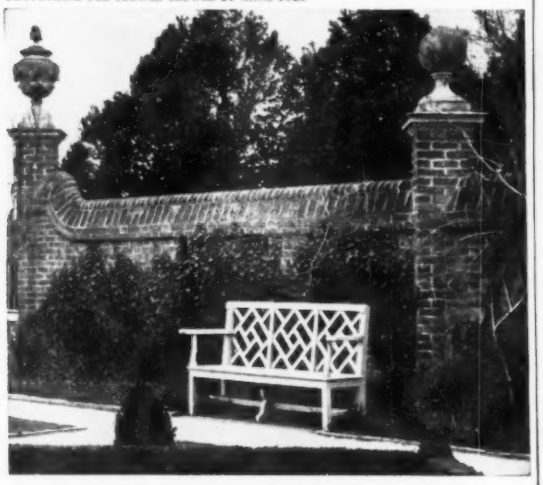
Write for free colored catalogue

BROWNELL ROSES
Box F Little Compton, R. I.

PHOTOGRAPH FOR FLOWER GROWER BY MARGARET PERRY

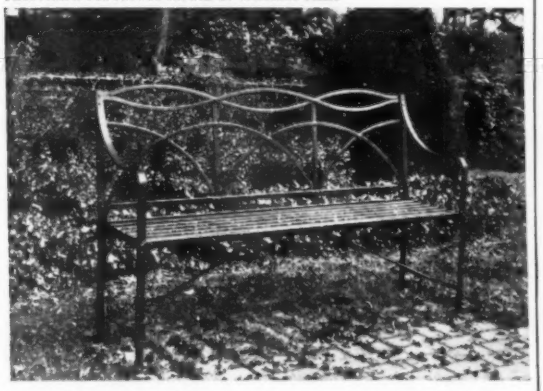
The delicate ironwork of this once-popular circular bench creates zebra-like shadows on the encircled tree. Especially appropriate around a very old tree.

PHOTOGRAPH FOR FLOWER GROWER BY ANNE DUBS



The sheltered elegance of walled garden is accented by intricately patterned latticework of this bench. If properly placed, it commands view of entire garden.

PHOTOGRAPH FOR FLOWER GROWER BY MARGARET PERRY



Graceful and delicate in design, yet sturdy in construction, this bench is ideal for favored spot in the garden. Made of iron, it will withstand any weather.

BUY GRAVELY FOR BETTER POWER CULTIVATING

Give yourself time for creative, productive garden work. Rotary Cultivator does the routine cultivating quickly, easily—with power! Frees you to give special care to your crops, for a more productive garden. Gravely takes the drudgery of gardening away—leaves the pleasure!

MORE POWER AT THE TOOL! Gravely drives Attachments direct from the engine, through splined steel shafts and gears. No belts to slip and wear!
30 Tools—Power Reverse—All-Gear Drive—Optional Starter

SEE YOUR AUTHORIZED GRAVELY DEALER

	PHONE
MASSACHUSETTS	
BROCKTON—Gravely N. Eng., Inc., 720 Centre St.	JU 6-0029
CAMBRIDGE—Sandberg Equipt. Co., 76 Landsdowne	KI 7-4300
FALL RIVER—Smith Lumber Co., 30 President Ave.	5-7875
PITTSFIELD—The Magovern Co., Inc., 728 East St.	3-1677
SOMERVILLE—Power Lawn Mower, 15 Tenney Ct.	SO 6-8500
SPRINGFIELD—The Magovern Co., Inc., 404 Main St.	RE 3-6638
F. C. Taplin Co., 472 Bridge St.	RE 2-1683
WORCESTER—Silcraft Corp., 605 Park Ave.	PL 4-3742
MICHIGAN	
BIRMINGHAM—Gravely Tractor Agcy., 588 S. Woodward	MI 4-9296
FLINT—Gravely Mich., G-4205 S. Saginaw Rd.	CE 8-7426
GRAND RAPIDS—Gravely-Meulenberg, 3327 Remembrance Rd. N.W.	RI 22851
IRON MOUNTAIN—Gravely Sales, P.O. Box 269	1260
JACKSON—Miller's Hardware, 2922 Wildwood	ST 9-6013
LANSING—Bill's Gravely Tractors, 3487 Eaton Rapids Rd.	TU 2-1931
MINNESOTA	
AUSTIN—Cliff Greenman Gravely, Austin Acres	HE 3-7975
MINNEAPOLIS—Gravely Mid-West, 5801 Excelsior	WE 9-5531
MISSOURI	
BLACKWATER—Omar Wetherell	VI 6-2382
GOODMAN—H. B. Morgan-Gravely, Rt. 1, Box 156A	EM 4-5632
KANSAS CITY—Gravely-Kansas City, 7321 Troost	EM 1-1236
KIRKWOOD—Gravely Mo., 730 S. Kirkwood	TA 1-5520
RIVER MINES—Roy M. Sitzes Gravely, 2 Hickory St.	Flatriver GEneva 1-2684
ST. LOUIS—Gravely Tractor Sales, 9420 St. Charles Rock Rd.	HA 8-8550
MISSISSIPPI	
BILOXI—Hamilton Mower, Rt. 2, Box 518	ID 2-8066
JACKSON—Gravely Gulf States, 2812 Terry Rd.	FL 3-7323
MONTANA	
CUT BANK—Clapper Motor Co.	WE 8-2521
NEBRASKA	
LINCOLN—Gravely Farmaide, 2800 Huntington	2-2306 & 2-5756
OMAHA—Ziegler Machine Co., 1515 N. 30 St.	JA 0225
NEW HAMPSHIRE	
BERLIN—Sportsman's Trading Post, 214 Portland	1803-M
NEW JERSEY	
ALLENDALE—Allendale Equipt. Co., 317 Franklin Turnpike	DA 7-2000
CEDAR BROOK—Pat & Mike, Berlin Blue Anchor Rd.	LOgan 1-4107
FREEHOLD—Gravely N. J., U.S. 9, R.F.D. 4, Box 5	FR 8-0743
HANOVER—Hanover Equipt., Hwy. 10	TU 7-1200
PLEASANTVILLE—Gravely Tractor Sales, 34 Old Turnpike	2616
STEWARTSVILLE—Gravely Newvania, Stewartsville Heights	PH 5-7451
NEW MEXICO	
BENT—Morris Implement Co., Box 64	
NEW YORK	
BATAVIA—Gravely Mohawk, Inc., W. Main St. Rd.	FI 3-4711
BRIARCLIFF MANOR—Wallace J. Scott, Jr., Rt. 100	WI 1-8660
CLINTON—Wilson's Gravely Tractor Supply, (Meadow St. & Franklin Springs) Box 125	UL 3-8587 or UL 3-8531
CROTON ON HUDSON—Zoller's Service, 87 N. Riverside Ave.	1-8047
ELMSFORD—H. Beckley & Sons, 258 E. Main	LY 2-7050
HICKSVILLE—Wm. Kroemer & Sons, Inc., W. John St.	WE 1-0500
LAKEWOOD—Gravely Tractor Agency, 154 Chautauqua	8093
LATHAM—Gravely New York, 1053 New Loudon Rd.	ST 5-6811
MAHOPAC—County Gas Service Co., U. S. Rte. 6	8-3484
MT. KISCO—Gravely Eastern, Inc., N. Bedford Rd.	MO 6-6063
NEW CITY—Gravely Tractors, 64 S. Main St.	4-3339
NEW HYDE PARK—Malvese Mowers & Equipment, Inc., Box R 67, Jericho Tpke. at Nassau Blvd.	PI 6-7400

SEE DEALER LISTINGS ON PAGES 31-39

EASY!

FAST!
SURE!
SAFE!

Instantly soluble RA•PID•GRO is easy to prepare, easy to apply. It's quick—no mixing, no stirring, no waiting. Clean, odorless, you can use while wearing your dress clothes! No special equipment needed; just ordinary sprinkling can or sprayer. No muss, no digging in the soil. Used for 25 years by professional growers, nurserymen, millions of home gardeners.

The Instantly Soluble Concentrated High-Nutrition Plant Food for 5-Way Feeding!

The pioneer in foliar feeding; originator of the Reilly Secret Formula, balancing basic nutrients; Nitrogen 23%, Phosphoric Acid 21%, Potash 17% plus trace elements and hormones.

Sold by Leading Nurseries and Garden Supply Dealers.

ORIGINAL & GENUINE

RA-PID-GRO

In Use Since 1932 • America's Leading Liquid Plant Food

MADE ONLY BY RA-PID-GRO CORPORATION • DANSVILLE, N. Y.

Williamsburg REVISITED

Williamsburg, Virginia is a place you can visit often. Each year's progress in restoration brings it nearer to the way it looked to George Washington and Patrick Henry. Plan now to re-visit historic Williamsburg—you'll be intrigued with the added activities, buildings, gardens, shops, carriages and people in 18th century costume.

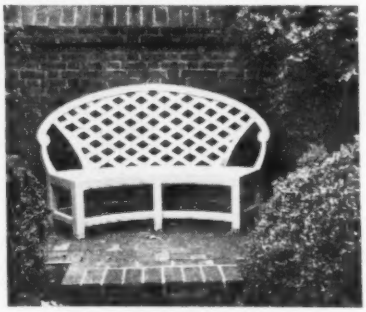
Williamsburg Inn & Cottages, Lodge & Taverns, The Motor House • Double rooms with bath from $8.00

For information, reservations, color folder: Write Box 718, Williamsburg, Va., or contact Res. Offices—New York: 30 Rockefeller Plaza, Telephone Circle 6-6800. Washington: 1145 19th St., N.W., Telephone REpublic 7-8114.

PHOTOGRAPH FOR FLOWER GROWER BY ANNE DUBS

Straight lines of the seat and diagonal latticework back contrast with softly curved arm rests and round legs.

PHOTOGRAPH FOR FLOWER GROWER BY ANNE DUBS



The curved seat and back of this unusually designed bench make an interesting pattern against brick wall.

PHOTOGRAPH FOR FLOWER GROWER BY ANNE DUBS

The stark simplicity of design is softened by the graceful lines of the arm rests—a serviceable bench.

tions. Write to Mrs. Cecil Cunningham, Goodwin Building, Williamsburg, Virginia, or write to us and we will have full information about the Symposium sent to you.

The complete program of the Symposium appears on page 12 of the January 1959 issue. FLOWER GROWER's John R. Whiting will preside at several of the meetings and panel discussions. We hope that you are planning to come.◈

Books for Gardeners

CAMELLIAS IN THE HUNTINGTON GARDENS VOLUME III by William Hertrich. 366 pages, indexed, illus. $10.00. The Huntington Library, San Marino, Calif.

The first two volumes of William Hertrich's *Camellias in the Huntington Gardens* appeared in 1954 and 1955. This final volume completes the series. The book describes and illustrates over two hundred varieties of *Camellia japonica* and sixty-three varieties of *C. Sasanqua*, the newest rival to *C. japonica* in popularity. There is also a section giving the known origins of the varieties. Most of the excellent black and white photographs show the blossoms in their natural sizes.

SPRING FLOWERS OF THE LOWER COLUMBIA VALLEY by Clara Chapman Hill. 164 pages, indexed, illus. $3.00. University of Washington Press, Seattle, Washington.

This guide to the spring flowers and flowering shrubs of the lower Columbia Valley is intended for amateur botanists who enjoy exploring the woods and countryside of that region.

GARDEN IDEAS AND PROJECTS edited by Richard D. Whittemore. 532 pages, illus. $3.95. American Garden Guild and Doubleday and Company, New York, N.Y.

This is a compilation of valuable gardening information that first appeared in *The Home Garden Magazine*, which is now incorporated with *Flower Grower, The Home Garden Magazine*. Articles by Ralph Bailey, F. F. Rockwell, Robert S. Lemmon and many other horticultural experts are included, and there is a garden calendar for every part of the United States.

ENCYCLOPAEDIA OF CHRYSANTHEMUMS by Monica Bennett. 194 pages, illus. $5.95. Pitman Publishing Corporation, New York.

Monica Bennett is a certified judge of the National Chrysanthemum Society of Great Britain. Besides general chrysanthemum culture, she has sections on small-pot culture, judging and lists of varieties.

HAMMOND'S PICTORIAL LIBRARY OF PETS, PLANTS AND ANIMALS by E. L. Jordan. 256 pages, indexed, illus. $7.50. C. S. Hammond and Company, New York, N.Y.

This guide to America's cultivated plants and animals contains 362 full-color illustrations and many colorful maps showing areas where our plants and animals originated. The book is a companion volume to *Hammond's Nature Atlas of America*.

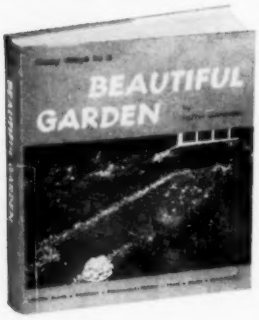
THE AMERICAN CAMELLIA YEARBOOK 1958,

(NEW YORK contd.)	PHONE
NEW YORK—Forest Equipt. Co., 120 Liberty St.	WO 2-1048
OLEAN—Gravely Penn-York, 3101 W. State Rd.	9558
RIVERHEAD—Wm. Kroemer & Sons, Rt. 58	PA 7-3500
ROCHESTER—Brooks Gravely Co., 3016 Monroe Ave.	LU 6-2070
SAVONA—Gravely Tractor Agcy., Telegraph Rd.	Both, PR 6-3648
WATERLOO—LeBrun and Son, Rt. 5 & 20, Box 570	JE 9-3649
NORTH CAROLINA	
CHARLOTTE—Gravely N. Carolina, 4207 Old Monroe Rd.	FR 5-1567
GOLDSBORO—Nu-Life Battery Mfg. Co.	RE 4-2786
HENDERSONVILLE—Mowers & Tractors, 202 4th Ave. E.	OX 2-1322
OHIO	
ASHTABULA—Schroll Coal & Sup. Co., 1620 E. 48th St.	WY 3-3796
BELLAIRE—Vaglienti Bros., Bellaire Neffs Pike	OR 6-6428 or OR 6-4584
CINCINNATI—D. R. Van Atta Seed Co., 3210 Sp. Grove Ave.	KI 1-2051
CLEVELAND—Gravely Ohio Co., 2827 Brookpark Rd.	SH 9-4141
COLUMBUS—Gravely Oh-Tucky, 3219 E. Main St.	BE 1-2118
DAYTON—Preston Equipt., 2505 Little York Rd.	TW 8-4880
Wilson's Gravely Equipt. Co., 5315 N. Main St.	CR 5-6644
DOVER—Gravely East Ohio, Inc., 375 Blvd.	4-2509
LANCASTER—Gravely Tractor Sales, 1100 E. Main St.	OL 3-9166
LIMA—Wm. A. Sommer Co., 4000 S. Dixie	WY 1-3898
POMEROY—Gravely Tractor Sales, 512 E. Main St.	63-X
SABINA—Gravely Sales, 181 E. Elm St.	LU 4-3291
TOLEDO—Gravely Toledo, Inc., 3450 Sylvania Ave.	GR 4-2335
TORONTO—Gravely of Toronto, 106 N. 3rd St.	LE 7-1333
UNIONTOWN—Drake Bros.-Gravely, Inc., R.D. #1	N. Canton, HY 9-8159
WELLINGTON—Gravely-Ohio Co., 516 Herrick Avenue, W.	124
WORTHINGTON—Gravely West Ohio, Rear 665 High	TU 5-1585
OKLAHOMA	
TULSA—Gravely Ark-Homa, 3231 So. Harvard	RI 2-3896
OREGON	
PORTLAND—W. B. Kerr & Co., 901 S.E. Hawthorne	BE 2-5312
PENNSYLVANIA	
BATH—Gravely Tractor Agcy., 536 E. Northampton St.	TE 7-0001
BUTLER—Gravely Pennsylvania, 1139 N. Main St. Ext.	7-5918
GETTYSBURG—Gravely Allegheny, U. S. Hwy. 30 E.	1179
HARRISBURG—Raup Lawn Mower Service, 1310-12 N. Cameron St.	CE 3-3003
HAVERFORD—Gravely Seaboard, Inc., 511 W. Lancaster Ave.	LA 5-3500
HUNTINGDON—Shafer's Small Engine Service, 284 Standing Stone Ave.	MI 3-4406
INDIANA—536 E. Northampton St., Rt. 80 E.	HO 5-7160
JARRETTOWN—F. L. Smith, Limekiln Pike, Rt. 152	MI 6-1484
KENNETT SQUARE—McSparran's Garage, Millers Hill	GI 4-5444
LATROBE—Gravely Tractor Agcy., Rt. 30, Rd. #3	KE 7-7381
MILFORD—Gravely Tractors Sales, 304 W. Catherine St.	2844
NEW CASTLE—C. H. Replogle, 342 Neshannock Ave.	OL 4-5122
STATE COLLEGE—Gravely Power Equipt., 1931 N. Atherton	AD 8-6922
SOUTH WILLIAMSPORT—Outdoor Hobby Center, 216 W. Southern Ave.	2-5486
UNIONTOWN—Gravely Monongahela, 354 Connellsville	GE 7-5210
WARREN—Gravely Sales, 621 Jackson Ave., Ext.	3950
WASHINGTON—Gravely Tractor Agcy., Rt. 18 So.	BA 5-3805
WAVERLY—Robert B. Banks, P.O. Box 209	Clarks Summit 6-0187
YORK—Dietz's, R.D. #7	47-3331 or 47-2781
RHODE ISLAND	
PROVIDENCE—Bradley's Seed Store, 131 Dorrance St.	DE 1-2000
SOUTH CAROLINA	
COLUMBIA—Gravely South Carolina, 3619 N. Main St.	AL 4-2902
FLORENCE—Gravely Tractor Agcy., 1129 Cherokee Rd.	MO 2-4413
GREENVILLE—Gambrell's Key Shop, 317 Butler Ave.	CE 2-2982

SEE DEALER LISTINGS ON PAGES 31-39

The invaluable new book by

RUTH GANNON



Easy Ways to a Beautiful Garden

Ruth Gannon's delightful and informative article "Perennial Garden? EASY" in this issue of The Flower Grower is only a small sampling of the wealth of information she gives in her wonderful new book. You'll want to own it to discover how to create a garden *that has color in it all year round!* It's filled with sound advice on starting a garden, as well as with workable short-cuts to gardening without time-consuming drudgery and with the least upkeep and expense.

PRE-PLANNED FLOWER BEDS

One of the most helpful features of the book is the presentation of actual plans for flower beds—you need only select the plan most suited to your garden and then order the plants recommended. Tips on soil conditioning and garden maintenance are included with diagrams, plus descriptions of the plants and tables with each plan showing color, height, quantity and use.

80 ILLUSTRATIONS—
4 GLOWING COLOR PAGES!
Many beautiful photographs show all the plants recommended so you'll see exactly how they look, individually or in the finished beds.

ORDER this wonderful book today, and start planning your next year's garden now! Only $5.00

Also by Ruth Gannon:
NEW WAYS WITH DRIED FLOWERS
The most complete, up-to-date book on the best flowers to choose for successful drying, and how to make striking arrangements, pictures, and decorations that will last for years. $4.50.

STUDIO BOOKS FG
The Viking Press, 625 Madison Ave., New York 22, N. Y.
Please send me.....copies of EASY WAYS TO BEAUTIFUL GARDENS at $5.00 each. Also send me.....copies of NEW WAYS WITH DRIED FLOWERS at $4.50 each. Payment enclosed.

Name.....
Street.....
City.....Zone.....State.....

(Please add sales tax where necessary)

edited by Herbert S. Wolfe. 388 pages, illus. Published by the American Camellia Society, Gainesville, Florida.

The American Camellia Yearbook 1958 contains sections on varieties and species, diseases, general culture and plantings and gardens. Information on membership in the American Camellia Society may be obtained by writing to Arthur C. Brown, Box 2398, University Station, Gainesville, Florida.

THE LILY YEARBOOK OF THE NORTH AMERICAN LILY SOCIETY, edited by George L. Slate. 123 pages, illus. Published by the Society at Geneva, New York.

The articles contained in *The Lily Yearbook* cover almost every phase of growing lilies, including hybridizing, disease control and breeding. Information on membership in the Society may be obtained by writing to Ernest F. Stokes, 21 Oakland Street, Lexington 73, Mass.

PLANTS & GARDENS, PRUNING HANDBOOK. 80 pages, illus. $1.00. Brooklyn Botanic Garden, Brooklyn, N.Y.

Full directions for pruning all kinds of plants—roses, ornamental trees and shrubs, lilacs, boxwood, hollies, evergreens, camellias—are given in this beautifully illustrated handbook on pruning, the twenty-eighth in the Brooklyn Botanic Garden's handbook series. The various steps in pruning are pictured in such a way that one can easily follow the instructions. Improving landscape effects by proper pruning is also discussed. There are also articles on how to prune diseased trees, how to prune hedges, pruning fruit trees, and training and pruning grape vines.

THE DAFFODIL AND TULIP YEAR BOOK, 1959. 178 pages, illus., indexed.

THE RHODODENDRON AND CAMELLIA YEAR BOOK, 1959. 156 pages, illus., indexed.

THE LILY YEAR BOOK, 1959. 139 pages, illus., indexed.

These three yearbooks have recently been published by the Royal Horticultural Society, Vincent Square, London S. W. 1, England. Each book contains articles by experts, and each is well illustrated in color and black and white.

10 TIMES FASTER THAN RAKE AND HOE

RO-HO GARDENER

$11.95 F.O.B. Factory

Grow better crops, have more fun, save gardening work! 40 rotating hoe points, scuffle knife, and 5 cultivator teeth kill weeds, mulch soil, make extra-fine seed beds. Easy as mowing a lawn, RO-HO GARDENER works as you walk. At garden supply and hardware stores.

Write for FREE Folder
ROWE MFG. CO.
1294 Adams St., Galesburg, Ill.

YOUR GARDEN DESERVES the WORLD'S finest ROSES

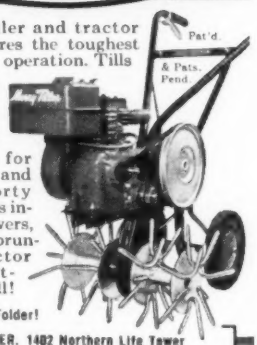
Plant **Oregon grown plants** for the finest flowers and complete satisfaction.

We ship only 2-year-old top quality No. 1 bushes, well formed with marvelous roots. All freshly dug in prime condition.

Send 25c for our complete catalog listing all the new introductions. It is one of the finest published and is illustrated in color.

n. Van Hevelingen
GROWERS
BOX 5076-F, PORTLAND 13, OREGON

Merry Tiller®



Does all tiller and tractor jobs. Prepares the toughest soils in one operation. Tills to 12" deep, 12" to 40" wide. Models, rotors, horsepower and prices for every need and budget. Forty attachments including mowers, snow plow, pruner, all tractor tools. Outworks 'em all!

Send for Free Folder!

MERRY TILLER, 1402 Northern Life Tower
P. O. Box 1835, Seattle 4, Washington
Name .....
Address .....
City ..... State .....
DEALER INQUIRIES INVITED

Tips on growing dwarf fruit trees

by JOHN KRILL

DWARF FRUIT TREES are becoming increasingly valuable and desirable for the home grounds. Not only do they supply ample quantities of fruits, but most of them are decorative as well. There are some things the gardener must know, however, before plunging into a dwarf tree planting project.

Nurserymen must go to a great deal of trouble in order to produce a dwarf tree. Thus what is called a one-year nursery tree actually took three years to produce; a two-year tree takes four years. This is a big factor in the higher price for dwarfs than for standard trees.

Of all the dwarf fruit tree varieties, the largest selection is among apples; and these are readily available. Nevertheless stone fruit dwarf trees—plum, cherry, peach, apricot and nectarine—are being improved constantly and are almost as widely available as dwarf apples.

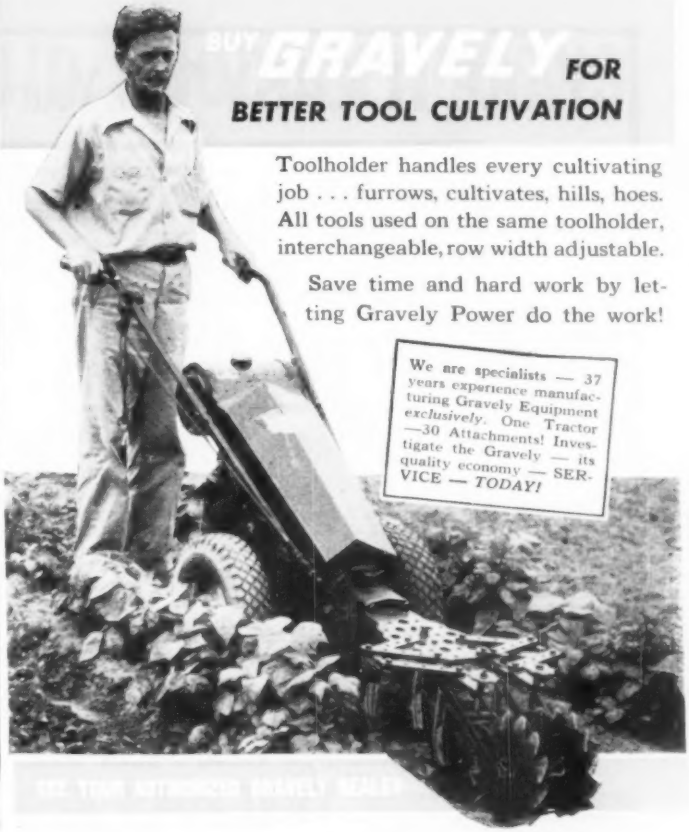
In the case of dwarf apple trees, the East Malling Fruit Research Station, East Malling, England, has developed a series of rootstocks that permit different degrees of dwarfing. Nursery catalogs identify all Malling dwarfs by a Roman numeral given the particular type of rootstock. Malling IX has been widely tried and is undoubtedly the best of the complete dwarfing stocks. Malling IX rootstocks will inhibit average apple varieties to a size no taller than 8 feet over a period of twenty years. Malling II is extremely hardy, early bearing and prolific. Its ultimate size is like that of the average cherry tree.

Malling VII is similar to Malling II. It is a good stock to plant in areas experiencing periods of drought, for it is drought resistant; it seems to be the most adaptable of the Malling family. Experiments have shown that Malling VII starts growth in soil that has a temperature in the low 50's. The roots of standard trees require a temperature in the upper 60's to gow well. This is one reason why Malling VII transplants so well and grows so vigorously in the fluctuating temperatures of spring.

In the same space required for a standard tree, several different varieties of dwarfs may be planted, offering ripe fruit at different seasons. There are many other advantages in planting dwarf fruit trees. No orchard machinery or ladders are required, and dwarfs may be used as ornamentals in landscaping by the process of pruning and training against walls.

But there are disadvantages also. Since dwarf rootstocks are far less firmly seated in the earth than standard trees, support is needed to keep them from being torn up by severe storms. Fruit-laden branches must often be supported by props to prevent breakage.

When is the best time to plant dwarfs? Generally in the early spring or late autumn in areas where



	PHONE
TEXAS	
DALLAS—Gravely Dallas, 2600 Good-Latimer Expwy.	HA 1-3110
CORPUS CHRISTI—Garden Equipt. Sales, 4326 Sequoia St.	TE 5-0236
CORPUS CHRISTI—Scott's Mower & Mowing Service, P.O. Box 4100, 3021 Leopard St.	TU 4-1575
HOUSTON—H. D. Howland & Co., 2030 Westheimer	JA 2-2323
MISSION—Jefferson Supply Co., Rt. 1, Box 120	MU 6-8154
SAN ANTONIO 12—Gravely Texas, Inc., 6828 San Pedro Ave.	TA 6-3601
SKELLYTOWN—J. S. Dawson	VI 8-2348
TEXARKANA—Rigg's Impl. Co., Box 315, Hwy. 59 So.	32-8081
TYLER—W. M. Morris, Chandler Hwy.	LY 2-4838 2-5969
TENNESSEE	
COLUMBIA—Southland Novelty Co., P.O. B 647	EV 8-2717
MURFREESBORO—McFarlin Farm Imp. Co., Cor. Spring & Sevier St.	TW 3-3822
NASHVILLE—Gravely Frank White Agcy., 745 Reid	AL 5-2737
NASHVILLE—Gravely Mid-South, 918 Main St.	AN 3-3997
VERMONT	
BARRE—Gravely Vermont, Inc., 66 S. Main	GR 6-4093
CUTTINGSVILLE—John C. Stewart & Sons, Inc.	12
VIRGINIA	
BRISTOL—Gravely-Bristol, 4710 Abingdon Hwy.	NO 9-8433 or NO 9-1415
MADISON HEIGHTS—Taylor Tractor Co., Box 6	VI 5-5681
RICHMOND—Wolff Bros., 5512 West Broad St.	AT 2-5233
ROANOKE—Gravely Virginia, 4818 Wmson. Rd., N.W.	6-2011
VIENNA—Capp Motor Sales, 239 Maple Ave.	DU 5-9282
WARRENTON—Gravely Potomac, 200 Lee Madison Hwy.	373
WAYNESBORO—Gravely Waynesboro Co., Box 19	WH 3-7531
WASHINGTON	
LYNNWOOD—Gravely Northwest, 15701 Hwy. 99	PR 8-5577
SPOKANE—Gravely Sales, S. 109 "G" St.	RI 7-2401
TACOMA—Philip Burrows Co., 6409 6th Avenue	SKyline 9-1920
WEST VIRGINIA	
BUCKHANNON—Gravely Tractor Sales & Service	Call Info.
FAIRMONT—Gravely of Fairmont, 1401 Fairmont Ave.	FA 1583
HUNTINGTON—Gravely Tractor Sales, 745 7th Ave.	JA 5-6771
NITRO—Gravely Kanawha, Inc., 1202-1st Ave. E.	PA 7-0161
MADISON—Gravely Tractor Sales, P.O. Box 212	1465
PRINCETON—Gravely of Princeton, 419 Mercer St.	GA 5-2779
SOUTH CHARLESTON—Gravely W. Va., 5139 McCorkle Ave., S.W.	PO 8-6901
WHEELING—Gravely Wevanio, Inc., 2374 National Rd.	WO 3560
WISCONSIN	
CALEDONIA—Frank Gast & Sons, R #1, Box 363	VE 5-4515
MILWAUKEE—Gravely Wisc., Inc., 2251 S. 13th St.	EV 4-0855
MILWAUKEE—J. H. Medinger Co., 9513 W. Greenfield	GR 6-5650
WYOMING	
CHEYENNE—Southcrest Nursery Co., Route #1	2-5432

SEE DEALER LISTINGS ON PAGES 31-39

"TAKE IT EASY" with Your Choice

FARM-ETTE RIDING TRACTORS

Everyone's talking "take it easy"—Farm-Ette has done something about it! Choose the model which fits your needs. Each one is superb — the product of one of the most brilliant and creative engineering teams in the industry. For yard, lawn, garden or estate work your very best bet is Farm-Ette! Years ahead in design, style, performance and ease of handling. Efficient, dependable, surprisingly economical—and a complete line of sensible attachments. Count on Farm-Ette to let you have fun—greater leisure—"take it easy".

Write Dept. FG 39 for free literature and details.

FARM-ETTE
Mantua, Ohio

New Originations in Rose Form and Ruffled

TUBEROUS BEGONIAS

Exacting quality in color and form, from the prize-winning Pacific Strain originated by Frank Reinelt. The very finest obtainable!

Choice tubers now being shipped.

Vetterle & Reinelt
Dept. F Capitola, California
1959 COLOR CATALOG NOW AVAILABLE

The BLACKEST Glad You Ever Saw!

Ataturk is about as black as a flower can be. The color is a glistening, velvety black with overtones of maroon—not a dull black but a warm, glowing black. The vigorous, robust plant has spikes two to three feet tall, carrying 16 to 18 buds. Opens 6 to 8 flowers at a time, each one 3 to 4 inches wide.

Ataturk is so different it stands out from all other glads — when your friends look at your garden, they'll ask you about Ataturk immediately.

We send you big bulbs measuring 1¼ to 1½ inches across. This is a low-priced offer to win new friends. Supply is limited, and this offer will not be repeated this season. Sorry, but we must limit orders to $1.00 per person.

HENRY FIELD Seed & Nursery Co.
915 Oak St., Shenandoah, Iowa

I enclose.....for.....bulbs of "Ataturk," the BLACK glad, each bulb to measure 1¼" to 1½" across, sent postpaid.

☐ Check here for big, free catalog.

Name_____
Address_____
P.O._____ (Zone) (State)

"For Over 60 Years"

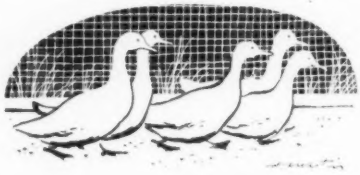
winters are not severe. But where the winters are severe, plant only in the early spring. Fully dwarfed trees must be from 10 to 12 feet apart each way. A distance of 20 feet between trees is needed by the more spreading semidwarf trees.

Avoid planting dwarfs in clay, or in soil so coarse that it will not hold moisture. Good drainage is of the utmost importance. Dig a good-sized hole; fill partially with rich garden soil. Set the roots no deeper than they were in the nursery plot and finish filling the hole with the same rich soil, packing firmly about the roots.

The union of dwarfing stock and fruit variety is easily seen. Make sure that this part of the tree is above the ground. If earth should cover this portion it is entirely possible for the tree to sprout roots from the upper section, thus negating the dwarfing qualities if it is not discovered in time. Mulch with any organic material. Caution: Do not place mulch against the trunk. To do so will encourage mice to burrow beneath and in time they will eat the bark and roots. Hoe ground around trunk to keep it bare.

Since loss of roots invariably accompanies transplanting, tops must be pruned back to permit a speedy recovery of the trees. If the whips are 36 to 48 inches long don't hesitate to prune them down to about 30 inches.

Many people make the mistake of leaving all fruit on dwarf trees. The trees set more fruit than they



nourish to normal size; thus size and quality must suffer. Leave only a single fruit for each 8 inches of limb. Any heavier set should be removed promptly within three weeks after bloom. An excess of fruit may have this unpleasant aftermath: the tree may not bloom the following season.◈

John Krill's articles on gardening have appeared in many publications. He lives in North Lima, Ohio, where he has started a commercial nursery for his two teen-age sons.

Choose gladiolus

by MARTHA PRATT HAISLIP

IT'S FUN TO GROW GLADIOLUS! For your money—and expenditure of time and energy—the gladiolus, of all garden flowers, pays highest dividends in beauty and in profusion of bloom. Even the exotic orchid finds stiff competition in gladiolus' rainbow colors, exquisite forms and markings.

Not finicky as to cultural requirements or climatic ranges, the gladiolus truthfully could be called the lazy man's flower since with a minimum of effort anyone from northern Canada to Florida or California can grow it to perfection. And with the constant appearance of new and different hybrids of all species a year-round pleasure is promised the gladiolus enthusiast.

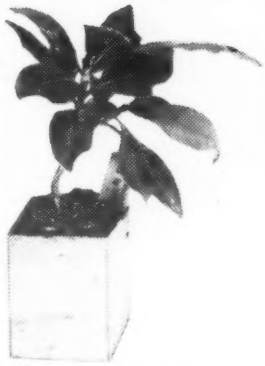
Add to these virtues the reliability and versatility of the gladiolus. Whether you grow them in rows in the cutting garden, groom special varieties to capture blue ribbons at flower shows, intersperse them with shrubbery or other plants, you can be certain of superlative effects.

In the hardy border you can grow gladiolus in countless ways. Little room is required to achieve a fine show of color. A dozen corms of the same variety grouped together will provide flowers when perennials or annuals are out of bloom; among such bushy perennials as baptisia and peonies, gladiolus' stiff, upright foliage and gay blossoms will give interesting color and contrast. Taking up little space, drifts of gladiolus through the border will prolong the flowering season. (This is easily achieved by staggering bulbs set at two-week intervals, by planting small, medium and large corms at the same time or by using early- and late-flowering varieties together.)

For cutting you can grow quantities of gladiolus in a small plot—a fact which appeals to gardeners whose space is limited. Generally considered adequate for growing three to four hundred corms is a plot 15 feet square; and you can grow almost a thousand in a 25-foot-square plot.

All gladiolus will do well in any garden soil of medium fertility—

HYBRID RHODODENDRONS



Each of these sturdy plants is enclosed in its own wooden band which holds the earth firmly around the roots. Makes planting safe and easy.

Perfectly packed . . .
Perfectly sure to grow

54½¢ each

Sold in dozen lots only. Mixed colors to give you a riot of color in June.

1 Dozen $6.50

Limited Supply
We cannot ship until all danger of frost is over (late in May) but be safe
Order now from this advertisement

The twelve plants come packed in this special mailing carton to insure arrival in perfect condition. Each plant is growing in its separate band.

Other rare varieties of Evergreens packed and shipped same way

AZALEA Hexe, extra showy scarlet, double
Rosebud, dwarf, double blush-pink, extra hardy
Rose Greeley, double white, showy, extra hardy
Flame, huge single red, dwarf growing
Hinocrimson, a much improved hardier Hinodigirl
Othello, large tall, brick-red, extra hardy
Indica Alba, large white, tall, single
Palestrina, large double white, new

ABELIA grandiflora, pink-white all summer

BERBERIS Juliana, small yellow, spring, extra hardy

BOXWOOD (dwarf, English)

CAMELLIA SASANQUA (Hardy to Zone VI)
Cleopatra, semi-double rose, peony-type Maidens Blush, single blush, very popular

COTONEASTER horizontalis, red winter berry, low

ILEX CRENATA convexa, dwarf Japan Holly

ILEX OPACA female, berried American Holly

ILEX OPACA male, pistillate American Holly

JUNIPER pfitzer, 6 ft. spreading, popular

JUNIPER Andorra, fine evergreen creeper

MAHONIA aquifolia (Holly-grape) blue fruit

PIERIS japonica (Andromeda) white, April

PYRACANTHA Lalandi (Firethorn) orange berries

RHODODENDRON Fortunei, pink in May
Catawbiense, rose-purple, June, extra hardy
Hardy Hybrid Seedlings, mixed colors, June

TAXUS Cuspidata (Spreading Yew) broad, low
Capitata (Upright Yew) tall pyramid
nana ("Brevifolia") dwarf yew
Hicksi, narrow column to 6 feet

1 Dozen, any kind listed above..... **$6.50**

1 Dozen (6 each of 2 varieties)..... **$7.00**

All orders shipped postpaid. Guaranteed live arrival in good condition.

KELSEY NURSERY SERVICE

Dept. F-21, HIGHLANDS, N. J.

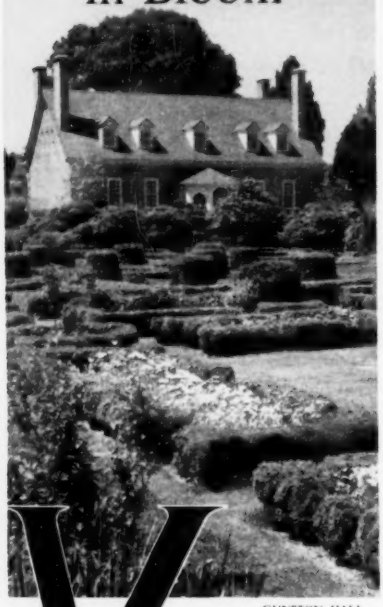
Enjoy year 'round gardening in America's finest home greenhouse. Everlite Aluminum Greenhouses are completely pre-fabricated, maintenance free, and have curved glass eaves. Lean-to and free-standing models. Full line of accessories including automatic heat, ventilation and humidification.

Prices start at $187.50.

Write for price list and free literature FG39.

Aluminum Greenhouses, Inc. 14615 LORAIN AVE., CLEVELAND 11, OHIO

See History in Bloom



GUNSTON HALL

VIRGINIA GARDEN WEEK APRIL 18-25

Come, meet spring in Virginia! Wander through gardens that have known centuries of loving care . . . where this year's flowers flaunt their gay colors against staid boxwood borders that can remember when Washington and Jefferson, George Mason and Patrick Henry walked here.

This is the season when scores of private estates join with Virginia's year-round public shrines in opening their doors and garden gates to you. When apple blossoms riot in the Shenandoah Valley . . . and 100,000 azaleas turn Norfolk's famed Municipal Gardens into a sea of color.

SEND THE COUPON NOW FOR BOOKLETS ON SPRING EVENTS

VIRGINIA Department of Conservation and Economic Development
Dept. FG139, State Office Bldg., Richmond 19, Va.

Please send free picture folders on

☐ HISTORIC GARDEN WEEK, April 18-25 throughout Virginia.

☐ INTERNATIONAL AZALEA FESTIVAL . . . April 13-19, in and near Norfolk.

☐ SHENANDOAH APPLE BLOSSOM FESTIVAL April 30-May 1, at Winchester.

NAME_____

ADDRESS_____

CITY_____ STATE_____

Virginia Motion Pictures Available.

well drained and in a sunny location. Gladiolus prefer a growing medium with a pH of 6.0 to 6.7.

Corms may be planted any time after hard frosts are past. In the northern sections of the country this is about the last of April or the first of May. For succession of bloom until fall, corms may be planted at two-week intervals till midsummer.

To prepare the ground for setting corms, spade it to a depth of about 10 inches. Pulverize the soil well. Add fertilizer mixed well with a couple of inches of soil at the bottom of the hole or trench. Spread another inch or so of soil over this mixture to prevent corms from touching the fertilizer. In ordinary garden soil set the base of large corms about 6 inches below the surface, medium-sized corms 4 inches below, small ones about 2 inches and cormlets only an inch below the surface of the soil. In sandy soils corms should be set deeper; in clay soils less deep. Many growers soak corms for two hours in a Lysol solution before planting as a safeguard against diseases. The corms are set when wet. Use 1¼ teaspoonfuls of Lysol to 1 gallon of water if this practice is followed. Others incorporate chlordane in the soil to rid it of grubs, which attract moles.

Many successful growers differ as to what is the best fertilizer to use when planting corms and for side dressing when plants are growing. Some prefer bone meal, some superphosphate and others a good all-purpose fertilizer such as 4-12-4. All agree that any fertilizer high in potash and nitrogen is a definite deterrent to healthy growth. Experts also agree that deep and frequent watering (bi-weekly during dry weather or if the location is well drained), cultivation during the growing period and light fertilization produce long, stiff spikes and large well-shaped bloom. Heavy applications of fertilizer tend to produce better corms but at the expense of the bloom.

Keeping out weeds is important. A pre-emergence weed killer will keep the planting clean until spears have appeared and are growing. Afterwards cultivating and hilling-up should be continued until plants are about a foot tall, when a mulch of salt hay or buckwheat hulls (materials which will allow the passage of air and water) will con-

Hillside Gardens

has ALL your GLAD favorites . . . double-flowering exotic-hybrid gladiolus . . . new HILLSIDE SELECTIONS from leading Trial Gardens and the ALL-AMERICA GLADIOLUS SELECTIONS for 1959

- *APPLEBLOSSOM;* white with rose pink edges.
- *CARIBBEAN;* light blue with creamy throat.
- *EMPEROR;* regal purple with light throat.
- *MAYTIME;* delicate soft pink with white throat.
- *ROYAL STEWART;* he-man-red, lightly ruffled.
- *JOYOUS;* newer of the selections, is a fine deep rose.
- *SPARKLER;* another new one, a gay happy combination of yellow and red.

All-America Gladiolus Selections:

ALL #1 SIZE BULBS

3 for $1.00

HILLSIDE GARDENS

New Ulm, Minnesota

Learn FLOWER Arrangement and FLORISTRY Easily and Quickly AT HOME

FOR PLEASURE—please your friends and family with professional corsages, centerpieces, etc. Your church and club will welcome your assistance in arranging impressive floral designs. Win Blue Ribbons. Many earn good money while learning.

FOR PROFIT—prepare for tremendous money-making opportunities for trained men and women in the Floral Field. You may quickly learn how to make professional arrangements for the home, weddings, social affairs, funerals—wherever flowers are used. Start your own profitable business or get good paying position. Excellent part-time money-making opportunities. **Study and earn your diploma at home.**

MAIL COUPON FOR FREE BOOK

NATIONAL FLORAL INSTITUTE
11826 San Vicente Blvd., Studio F-39
Los Angeles 49, California

Please send me your free book "Opportunities in Floristry", and how I can earn my Diploma at Home.

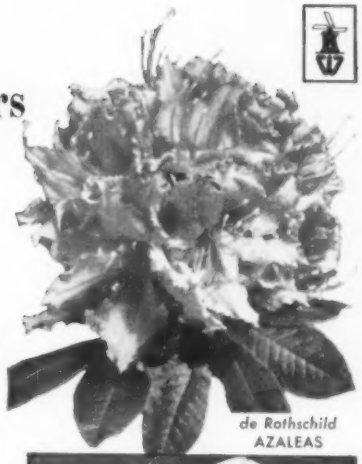
Name_____

Address_____

City_____ Zone____ State_____

FLORIBUNDA
Sunny Maid

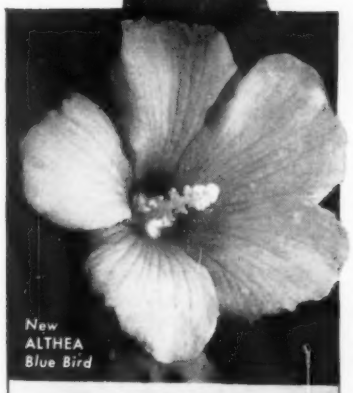
Even the most experienced gardeners find something new in Wayside's catalog



de Rothschild
AZALEAS

No matter how many catalogs you have seen, we know you are sure to find something entirely new, rare and unusual in Wayside's magnificent new Spring Catalog.

Few experiences are more exciting than your first glimpse of this world famous garden catalog. It begins where most others leave off . . . bringing to you a whole new and wonderful concept of gardening. Imagine a catalog with no less than 1800 flowering shrubs, prize roses, exotic lilies, handsome trees, rare bulbs and hardy *"Pedigreed"* plants. The complete range of worthwhile items which this catalog embraces is almost unbelievable.



New
ALTHEA
Blue Bird

See these fine new subjects

New **FLORIBUNDA ROSES.** A collection that we feel is the most exciting ever offered—in color, hardiness and the abundance of both flowers and foliage. Choose *Sunny Maid*, the new single floribunda that buds gold, matures white; *Gipsy Maid*, of brilliant orange-carmine blossoms; *Bonnie Maid*, lovely shaded pink; *Dusky Maiden*, crimson blooms with true Damask fragrance or *Charming Maid*, an orange-salmon.

New **DE ROTHSCHILD AZALEAS.** Fabulous new Wayside *exclusives* brought to you direct from the famous de Rothschild estate in England. They are the product of 40 years of painstaking selection. Of unparalleled perfection, their exquisite blossoms measure 4" across and range in color from white, soft pastels, deep yellows, vibrant orange to fiery reds.

New **ALTHEA,** ***Blue Bird.*** As blue as a summer sky, this unusual Rose of Sharon literally has single flowers as big as saucers. Infinitely more attractive and appealing than the double forms, it's a rare summer-blooming border bush.

New **FLORIBUNDA,** ***Allgold.*** Worth its weight in gold if your garden could use a patch of bright sunshine yellow. From the opening of the first bud till the last petal falls, *Allgold* is heartier and handsomer than most Floribundas.

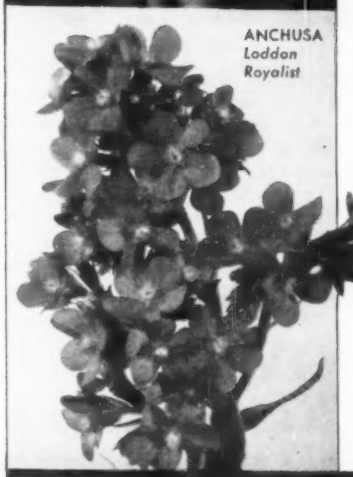
New **ANCHUSA,** ***Loddon Royalist.*** Clouds of extra large blossoms of extraordinary blue cover this sturdy new form of Anchusa Dropmore. A medium-size, compact plant, it presents a vivid touch of color in your mid-summer garden.

New **ERIGERONS.** Never before such a variety of these delicate and hardy Dainty Daisies. Now choose from *Dignity*, a violet-lavender that deepens with maturity; *Felicity*, extra large deep pink or *Sincerity*, a light lavender-blue.

New **HARDY PHLOX.** ***Starfire.*** Visualize, if you can, a really bright red phlox. It's *Starfire*, the most beautiful red phlox in the world today—a mass of color so dazzling it has to be seen to appreciate its brilliant effect.

New **RHUS.** ***Notcutt.*** Gardeners who have been lucky enough to see this exclusive Wayside "wonder" know why it is the sensation of two continents. Its claret-to-black purple foliage and black-purple plumes are simply incomparable drama.

Allgold



ANCHUSA
Loddon Royalist

ERIGERONS
Sincerity
Felicity
Dignity

New
PHLOX
Starfire

SEND FOR THE WORLD'S FINEST HORTICULTURAL BOOK-CATALOG

To obtain your copy, please enclose $1.00 for postage and handling costs of this heavy book. 244 pages, with hundreds of true-color illustrations, accurate descriptions and cultural directions for each item. No other catalog in America can equal Wayside's complete selection of over 1800 outstanding new shrubs, prize roses, rare bulbs, exotic lilies and ***"Pedigreed"*** *hardy plants. See the world's finest garden subjects. Send for your copy of this outstanding catalog TODAY!*

72 MENTOR AVE., MENTOR, OHIO

RHUS
Notcutt

Wayside Gardens

RUFFLED GLADS

The new Gladiolus are tops in beauty! Their lovely colors are often accented by gorgeously frilled or ruffled florets.

We have the 1959 All-America award winners, SPARKLER and JOYOUS.

Send 10¢ for our new Catalog describing the best in modern glads.

WINSTON ROBERTS
Box 2772 Boise, Idaho

AMAZING OFFER

NOW! Get 30 Kunderd Glad Bulbs

(unlabeled show-winning varieties)

just $1.00 postpaid

For just $1.00 postpaid, you'll get 30 select bulbs of blooming size, from 1" to 1¼" in diameter (15 varieties, 2 bulbs each). In slightly larger sizes, some of these varieties normally sell for more than $1.00 per bulb. But for $1.00 you'll get 30 bulbs in many beautiful colors. Our bulbs are state inspected and free of disease and insect pests. Kunderd Glads are world famous and are guaranteed to please. Mail the coupon today! Ask for our free catalog.

Kunderd Gladiolus Farms
Dept. F-3, Goshen, Ind.

☐ Enclosed is check or M.O. for $ Send set (s) of "30 Kunderd Glad Bulbs" offer postpaid.

☐ Send free 1959 catalog listing over 185 kinds of Kunderd Glads, including the new All-America Selections.

Name

Address

City State

trol weeds and reduce need for frequent cultivation.

By purchasing well-stored, disease-free corms from reliable dealers, the few fungous diseases common to the gladiolus will prove no hazard. Thrips, which plague most gladiolus, can be controlled easily by dusting or spraying plants when 6 inches high with a 5% DDT wet spray or dust and continuing the practice every ten days until spike is in bud. Early morning or late evening dusting is best.

Cutting gladiolus for use indoors—or for exhibition purposes—should be done when only one or two blooms have appeared. The remaining buds will usually open in water, particularly if a little of the bottom of the stem is cut off each day. Cut spikes early in the morning. Use a sharp knife rather than clippers or scissors. Leave at least four of the broad leaves at the base of the plant to conserve the vitality of the corm.

After flowers have faded, all stalks should be cut to the ground. After foliage has yellowed—usually in about six weeks after flowering, when the foliage can be easily pulled from the corm—corms should be dug and stored for a few weeks in a dry airy place to mature. Then any remaining stalks (from late-planted gladiolus) should be removed, the withered "mother" corm discarded, other corms separated and stored in a cool, dry place over winter. Many growers—after the corms are thoroughly matured—store them in paper bags after dusting with DDT and hang them up for the winter.

Selecting gladiolus from the almost endless—and often bewildering—list of varieties is a fascinating occupation. To be had today are hardy Dragon varieties, fragrant types, the double Exotics. With the list of the All-America Gladiolus Selections, choosing will be fun and each choice certain to prove a winner in your garden. In the thirty-five trial gardens located in every type of soil and climate, varieties are tested for thirteen specific traits: color value; freedom from short heads; flower form; substance; facing and placement; attachment; weathering qualities; opening and keeping qualities; crooking individuality; husk and bulb health and propagation. Quite an ideal!

The 1959 All-America Selections

PLANT HARDY FERNS

and make barren shady areas more attractive.

Plan now to plant these ferns that will fill in that shady nook, your wooded areas, north side exposures or shaded rock gardens. Hardy ferns are long lived and will last for years to come.

Osmunda Cinnamonea (Cinnamon Fern)

Maidenhair Fern—(Adiantum pedatum)—14 in.
Lady Fern—Athyrium felixfemina)—24 in.
Toothed Wood Fern—(Dryopteris spinulosum)—18 in.
Cinnamon Fern — (Osmunda cinnamonea) — 36 in.
Royal Fern—(Osmunda regalis)
Christmas Fern—(Polystichum acrostichoides)—16 in.
Ostrich Fern—(Pteretis nodulosa)—36 in.
Chain Fern—(Woodwardia virginiana)—20 in.

1 each or 8 plants for $3.50
5 each or 40 plants for $16.00

Write for catalog of Hardy Wildflowers & Ferns, Hardy Perennials, Rock Plants, and Gladiolus Bulbs.

LOUNSBERRY GARDENS — Oakford, Illinois

YOU SEE TREE WOUNDS HEAL with...

TAT P.T.A. PLASTIC TREE AID

New transparent Tree wound dressing heals quickly; protects against decay, water, boring insects. Use on all trees, bushes. Unexcelled as "leaf shine" for window plants. Lasts over a year. GUARANTEED. **Trial size $1.00.** Send check, m.o. today.

O. E. Linck Co., Dept. 2, Clifton, N. J.

HAVE YOU SEEN SUGAR ELL?

This handsome fiery Salmon colored Gladiolus will be introduced in January '59; and is one of the best cut-flower and basket or vase glads ever grown. Produces bulblets abundantly. Will be shown in our colored catalog ready by January. Bulbs at 3 for $2. 10 for $5. 25 for $10. Also List of Gladiolus seed. Seedlings are exciting.

VENNARD'S Box 394-FF Sioux City, 2, Iowa.

GOVE'S GLADS

- **ALL-AMERICA *Selections***
- **GREENS**
- **BROWNS**
- **BUTTERFLY GLADS**

Also newest 1959 Introductions, fragrants, miniatures, giants and standard varieties—over 350 of the world's best—all listed and classified in my new 1959 color catalog.

Catalog offers many money-saving collections, also includes peonies, pansies, chrysanthemums, strawberries, raspberries, maple syrup, books and supplies.

Get your copy without delay! Send 10¢ (stamps or coin) with your name and address.

CHAMPLAIN VIEW GARDENS

Elmer Gove, Box 45, Burlington, Vt.

are JOYOUS, a rich, velvety deep rose, shaded deeper on the lower petals, and SPARKLER, a clear yellow, shading deeper, with bright red petal edges.

Noted by a representative of the famous Kundred Gladiolus Farms for special excellence at flower shows the past season were the following: SPIC AND SPAN, a perfectly formed, pink, ruffled sort; FRIENDSHIP, another fine light pink, ruffled gladiolus; KING DAVID, a heavily ruffled, dark purple, picotee edged; THE RAJAH, ruffled red-purple; VIOLET CHARM, clear pale lavender with cream throat feathered in violet; SANSSOUCI, often considered the best scarlet gladiolus; LEIF ERICKSON, frilled creamy white. Other fine ones noted were MIKE SHERMAN, GOLDIE, LORELEI and BROWN LULLABY.

Bruce Collins of Utica, Michigan, who specializes in fine varieties of garden gladiolus and distinctive, "different" types of gladiolus, writes that under the bad weather conditions of 1958, the top notchers in his fields were as follows:

Whites: FLORADORA; SNOW CLAD; SIERRA SNOW; WHITECLIFFE; WHITE FRILLS; ANGELS SERENADE. **Creams:** MARCO POLO (he says it is the tallest gladiolus he has ever seen); FRENCH VANILLA; TAHOE. **Reds:** H. J. WARR; ROYAL MOUNTED; RED MILL; DAVID WARR; RED RYDER. **Pinks:** EDITOR WARR; CORONATION; SALMON QUEEN; PINK ELEGANCE; PINK HARMONY; LORETTA; BOUDOIR; PALOMAR. **Rose:** CORAL ROSE; ROSELYN; GREAT DAY; LORI DEE; ROSANNAH; BURMA. **Lavender:** ORCHID MIST; VALDA; BRIDAL ORCHID. **Orange:** ORANGE FLAME; MANDALAY. **Blue:** BLUE ANGEL and BLUE PEARL (1958 Canadian introductions); BLUE DIAMOND; BLUE BUTTERFLY; BLUE PETER; HYLDA PRABEL; SAILOR BOY; VIOLET CHARM. **Buffs:** PEACH GLOW; PATROL. **Black-Red:** ACE OF SPADES; BLACK CHERRY; CONGO. **Purple:** PURPLE JET; WONDER BOY; THE RAJAH; KING DAVID; TOPS. **Smokies:** STORMY WEATHER.

Selections from this list are certain to prove satisfactory for all purposes—outdoors and for cutting.

Several other Canadian introductions merit attention: ATLANTIC DAWN (gray-orchid with bright cerise throat marks); DEEP FREEZE (glistening white); SUN GLOW (flaming orange-scarlet); MANDY (deep mahogany-brown); PINK CURLS (ex-

Shumway's ROCKFORD, ILLINOIS

SENSATIONAL DOLLAR OFFERS

EACH IS A REAL BARGAIN IN GARDEN VALUES

Order direct from this page of outstanding offers. All popular varieties of highest quality stock guaranteed to bloom this year. Order today and save—supply limited — no C.O.D.'s. Any offer $1.00 postpaid, 4 offers for $3.75. Big New Catalog included FREE. (Check coupon.)

CRIMSON GLORY HYBRID RED ROSE

Two year old, hardy ever-blooming hybrid tea bush Rose, finest deep red, big beautiful blooms, 6" across, lovely wax foliage. Most fragrant of all roses.

$1.00 Each

OFFER No. 22

OTHER SPECIALTIES

$1.00 Per Offer Postpaid Offers Cannot be Broken

Offer No. 11 DAHLIAS—Ball Type mixed colors, all named varieties, not labeled. 6 tubers $1.00

Offer No. 17 AFRICAN VIOLET—Double Neptune, 2½" Deep blue double flowers. Each ..$1.00

Offer No. 26 REGALE LILIES—Large bulbs produce 6" long blooms, 4" to 5" across. 5 bulbs for.....$1.00

Offer No. 27 CALADIUM—Fancy Leaved. Excellent border plants, or attractive house plants. Mixed Colors. 3 large bulbs...$1.00

Offer No. 28 HOUSE PLANT SPECIAL — One Fuchsia Senorita, Ruby Red. One Christmas Cactus plant that grow lovely red flowers from Christmas to Easter. 1 of each.....$1.00

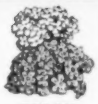
Offer No. 31 RANUNCULUS—Popular, colorful perennial. Fine for cutting. 25 Bulbs for $1.00

Offer No. 32 ANEMONES—Free blooming, ideal for bouquets, mixed colors, perennial. 25 bulbs for....$1.00

Offer No. 33 CANNAS—New Pink Gem. 5 bulbs for.....$1.00

Offer No. 35 HANGING BASKET BEGONIAS — Large bulbs. Hanging effect. 3 bulbs (mixed colors) $1.00

Offer No. 38 GARDENIA PLANTS — Beautiful, big, plants from 3-inch pots. Each $1.00



PHLOX

Strong, hardy, perennial plants. Will bloom in your garden for years. One each, Red, Purple and Pink. Separately labeled.

3 Plants $1.00

OFFER No. 24

GLOXINIAS

Beautiful House Plants Imported Bulbs

Rapid, and easy to grow plants. Magnificent, velvety 3" to 4" flowers last for months. Can be planted outdoors in warm weather. Lovely mixed colors.

5 big bulbs $1.00

OFFER No. 16

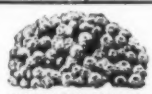
BEGONIAS

Camellia flowered, tuberous rooted. Gorgeous double blooms, mixed colors, all top size imported bulbs. Easy to grow. Ideal for inside and outside planting.

10 top size bulbs

$1.00

OFFER No. 14



CUSHION MUMS

Mounds of gorgeous blooms this year. Hardy easy to grow 2 to 3 ft. across. One each separately labaled. Red, Yellow, Bronze, White.

4 for $1.00

OFFER No. 10

HYDRANGEA

Plants from 3" pots . . . Blooms indoors in winter, can be transplanted to the yard in summer. Strong, hardy plants. Gorgeous immense flowers. Special offer. One Red and one Blue.

2 for $1.00.

OFFER No. 21

GERANIUMS

Most profuse blooming geranium offered. 4" to 6" ball shaped blooms. Beautiful deep rich red color — well rooted from 2½" pots. Have lovely blooms until frost.

3 for $1.00

OFFER No. 25

MINIATURE POT ROSE

For Indoor or Outdoor All Double Ever-blooming. Only 10 inches high when fully grown. Blooms no bigger than a thimble. Make wonderful gifts. Culture included.

Ruby Red Only $1.00

OFFER No. 37

CARNATION PLANTS

GIANT SIZE

Easy to grow load of big blooms. One each—Red, Pink, Yellow, White — separately labeled.

4 for $1.00

OFFER No. 34

LEMON PLANT

Dwarf Everbearing. Unique House Plant that grows real edible fruit.

Only $1.00

OFFER No. 12

GLADIOLUS

RAINBOW MIXTURE

LARGE BULBS 3" AROUND

Gorgeous colors, 60 varieties. Finest collection of guaranteed-to-bloom bulbs. Planting instructions included.

40 Bulbs $1.00

OFFER No. 36

BUY 4—$1.00 OFFERS . . . PAY ONLY $3.75, POSTPAID

R. H. SHUMWAY SEEDSMAN — Dept. 351, Rockford, Illinois

Please send me offers checked. I enclose $_____ (No COD)

☐ Send 4 offers check below for only $3.75 enclosed.

☐ No. 10 ☐ No. 14 ☐ No. 21 ☐ No. 25 ☐ No. 28 ☐ No. 33 ☐ No. 36
☐ No. 11 ☐ No. 16 ☐ No. 22 ☐ No. 26 ☐ No. 31 ☐ No. 34 ☐ No. 37
☐ No. 12 ☐ No. 17 ☐ No. 24 ☐ No. 27 ☐ No. 32 ☐ No. 35 ☐ No. 38

☐ Also check if you desire Free Catalog.

NAME_____

ADDRESS_____

CITY_____ STATE_____

Add 15c for packing and handling on one offer. Add 25c for 2 or more offers.

ALL-AMERICA MUMS

Newest and finest in hardy garden Chrysanthemums! Chosen by experts after rigid testing as the three most outstanding Mums for 1959. Selected for excellence of color, early blooming habit and hardiness. Unsurpassed for brilliant Autumn color. Supply very limited. Order yours today! (Shipment at proper planting time.)

CRIMSON LADY (PPAF)—Spectacular dark crimson-red cushion type.

FLAIR (PPAF)—Lovely silvery lavender. Large flowers on strong stems.

GIRL FRIEND (PPAF)—Gorgeous double shell pink to coral rose blooms.

Any of above $1.50 each; 3 for $3.75 ppd.

1958 ALL-AMERICANS

BURNING BRONZE (PPAF)—Fiery blend of warm tangerine and mahogany.

EMPEROR (PPAF)—Bright golden yellow flowers in large clusters.

RUBY KING (PPAF)—Neat cushions of dazzling ruby red.

SHOWPIECE (PPAF) — Gigantic blossoms of sparkling royal rose.

Any of 1958 Winners $1.50 each; all 4 for $4.95 ppd.

SPECIAL:
One each all 7 Mums $7.95 ppd.

FREE **COLORED CATALOG**
Perennials • Alpines
Chrysanthemums • Iris
Poppies • Daylilies

It pronounces all names!

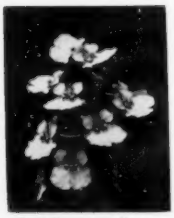
LAMB NURSERIES
E. 101 Sharp Box F-39 Spokane, Wash.

SPICE ORCHIDS

Epidendrum atropurpureum

Cinnamon colored with bright rose-purple lips. Spicy fragrance. 5 to 12 flowers per plant, each 2-3 inches wide. Stay fresh 4-6 weeks. In clay pot.

IN BUD
postpaid USA **$8.95**



Oncidium ampliatum 'Dancing Lady'

Yellow Spray Orchids
IN BUD
$8.95 postpaid USA

Properly potted. ***Free instructions.***

Color catalog orchids, houseplants, 25c, 80 pages

ALBERTS & MERKEL BROS., INC.
P. O. Box 537 FM **Boynton Beach, Florida**

tremely ruffled, picotee-edged, deep pink); FASCINATION, (white-throated pure lavender); SOLITAIRE (beautiful self heliotrope).

Double-flowered gladiolus are the present-day sensation among experts. Much enthusiasm has been shown for the vivid scarlet ARTHUR C. KOERNER, the orchid DRIFTWOOD, the pure white SISTER KENNY and the chartreuse-centered heliotrope MIAMI. Spikes average 18 inches tall and carry at least 12 blooms on each spike. Each blossom boasts from 12 to 18 petals on 3-inch florets.

Novelties from J. Heemskerk in Holland are choice and unusual. Highly rated are dark blue FLYING DUTCHMAN, pansy-blue BLUE CONQUERER and light blue EARLY MIST. Smoky toned are VANITY FAIR, (conspicuously feathered brown); BLUE HAZE (red and violet on mauve ground); ORIENTAL SPLENDOR (dull garnet, feathered brownish-red). Odd and lovely are UHU (lobster red, striped lilac); LUSTIGE WITWE (reddish-magenta conspicuously marked with white). Certificate Haarlem winners are vermilion FIREKING; SCARLET PATRIOT; SCARLET LEADER; snowy white MARIE GORETTI; citron yellow WILLIAM HAGEMAN; velvety black TURKANA.

Frilled and ruffled gladiolus are legion, and all are exquisite. Colors range from the white FRILLED SENSATION to intensely ruffled, creamy ANGELS SERENADE; rosy BRIDESMAID to deep rose BURMA; yellow FAR EAST to salmon FRAZER; orange-scarlet DAVID WARR to the deep blood-red ROYAL TREAT; smoky ALLAH to rich purple KASHMIR.

O. B. Spencer's gladiolus are a delight. All have a distinct and delicious scent. The majority are intensely ruffled. SACHET is pure white; PINK FRAGRANCE, light pink; THISISIT, salmon; SWEETIE, light red; RED SCENT, scarlet; DARK FRAGRANCE, maroon; YELLOW ROSE, the most fragrant of all to date.

Complete departures from the usual garden gladiolus form are the "Gospling Dragons." Bred by Lucian Gospling of Ludington, Michigan, they are unique and intriguing in appearance. Among them are both single and double blooms, with flaring florets and laciniated petals. Many have spurs, which distinguish these hybrids from all others. Many colors, combinations and varied forms are available.◈

Miniature GLADS

Miniatures have taken the country by storm. Many consider them the finest flowers — light, airy spikes for

Centerpieces • Corsages
Small Vases
8 TOP VARIETIES

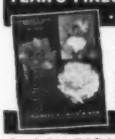
ATOM—Strikingly beautiful scarlet, edged with white ..... **Doz., $1.70; 100, $11.50**
BO-PEEP — Dainty salmon-pink, cream throat ..... **Doz., $1.50; 100, $10.50**
FAIRY—Really exquisite light lavender. **Doz., $1.65; 100, $11.00**
FIFTH AVENUE—Wonderful glistening velvet red ..... **Doz., $2.00; 100, $11.50**
FLICKER—Gay orange with yellow throat. **Doz., $1.70; 100, $11.50**
LITTLE GOLD — Attractively ruffled rich golden yellow .... **Doz., $1.75; 100, $12.00**
STARLET—Small graceful, glistening white. **Doz., $1.65; 100, $11.00**
STATUETTE—Lovely ruffled yellow with red mark in throat .... **Doz., $1.75; 100, $12.00**

COLL. A	Doz. each of above 8 varieties	**$12.75**
COLL. B	25 each of above 8 varieties	**$22.50**

All shipments postpaid
Our complete list of over 40 varieties, also 68-page Spring Catalog in color — free with order, or 50¢ per copy.

BURNETT BROS., INC.
Box F, 92 Chambers St., New York 7, N. Y.
Est. 1905 Phones: BA-7-6138 & BA-7-7829

YEAR'S FINEST CATALOG VALUE!
• *Peonies* • *Iris* • *Daylilies*



64 pages of gorgeous natural color — over 1300 varieties! **25¢**

America's finest book & your best source of big, healthy, blooming-size perennials GUARANTEED by the "*Wilds*" of Missouri. Packed with money-saving offers & advice.

Gilbert H. Wild & Son
Send 25¢ TODAY! Dept. FG 39 Sarcoxie, Missouri

HANDY GRAFTING KITS

Graft Fruits, Nuts, Roses, etc. ALL-SEASON materials and easy instructions. Graft in dormant seasons; bud in growing seasons. Dauber-in-bottle grafting paste, budding strips, etc. GRAFTING MADE EASY, revised, included. Kit shown, $4.50 plus 50¢ mailing costs. Smaller kit, $2.95 plus 35¢. C.O.D.'s OK. Free bulletin.

Green Thumb Products
Box 6273-F, Memphis 11, Tenn.

Jung's GIANT GLADS

WILL AMAZE YOU WITH THEIR SIZE AND BEAUTY. Spikes 3 to 4 ft. tall. Guaranteed to bloom.

THE CHARMING, NEW AMERICAN SHAMROCK
Wonderful for hanging baskets, pots, window boxes, borders, flower beds. Gorgeous rose-pink blooms with foliage like a four leaf clover. Blossoms in 5 or 6 weeks.

49c VALUE FOR ONLY 25c

As A Special Inducement for you to plant Jung's famous seeds, bulbs, plants we will send you 6 of these grand Gladioli, 3 American Shamrock Bulbs plus a pkt. of the Brilliant Blaze Zinnia, the "All America" Winner, ALL FOR 25c. Also beautiful catalog of seed, nursery bargains. Includes premium coupon. Catalog only on request.

J. W. JUNG SEED CO., Dept. 54 — Randolph, Wis.

Gardening Was Never So Easy—Never So Sure!

THOUSANDS NOW KNOW THEIR SEEDS WILL GROW —THEY START THEM IN FERTL-CUBES

FERTL-CUBES WORK ON THESE PRINCIPLES...

- Seeds germinate in sterile surroundings.
- Seedlings are fed slowly when they are small, faster as they grow, and relative to their size.
- Roots get complete protection when transplanted; no shock, no setback.

FERTL-CUBES GIVE YOU THESE OUTSTANDING RESULTS...

- Seedlings don't get sick or worm-eaten or ruined by fungi.
- Continuous feeding keeps your plants vigorous, helps them produce the maximum in flowers and fruit.
- Your plants suffer no setback or loss when transplanted.

70,000 HOME GARDENERS HAVE USED OVER 10 MILLION FERTL-CUBES IN FIVE SEASONS!

Every gardener is prouder of plants he grows himself, from seed, especially when he gets exciting results. And Fertl-Cubes Seedling Starters are known by thousands of satisfied gardeners as the sure way to get superior results from seeds.

You Can Plant Seed With Confidence—Here Is What To Order!

FERTL-CUBES SEEDLING STARTERS

Use them to plant *your own seeds*. They germinate in the perfect seed bed, better than any soil. They root in ORGANIC plant food and always have plenty of nourishment. Big, healthy root systems develop. You transplant cube, roots and all without disturbance. There's no wilt, no setback. No wonder we sell so many.

So Simple To Use

No lost plants due to soil diseases. Nothing left to chance. Clean, odorless. No manure to handle. Ideal for planting seed in house or garden.

FERTL-CUBES PRE-PLANTS

All You Do Is Water Them — Success Is Guaranteed!

Pre-Plants have already been planted for you by us with W. Atlee Burpee Co. choice F_1 hybrid seeds. Order any of these four kinds. See 10% discount offer on coupon.

Burpee's Big Early Tomato Pre-Plants

We chose this top-quality, early fruiting (62 days) variety for our Pre-Plants so you can enjoy delicious, ripe tomatoes ahead of the season. They average over 7.6 ounces each, some grow as big as 1 lb.! They're meaty, with mouthwatering flavor and feature very high yield!

Burpee's BIG BOY® Tomato Pre-Plants

The largest of the Burpee hybrid tomatoes. Many weigh 1 lb. or more, some 2 lbs. and over. You've never tasted tomatoes of such delicious flavor. Ready in 78 days, at its peak in midseason. Also produces large fruits late in season when most varieties decline in yield and size.

Burpee's Alldouble Salmon Petunia Pre-Plants

A big favorite last year, these Pre-Plants produce giant flowers 4½ to 5 inches across, spectacularly mid-salmon colored, on plants that grow a full foot and a half tall, fill your garden with blazing color!

® W. Atlee Burpee Co.

Burpee's Alldouble White Petunia Pre-Plants

The purest of white, not the faintest tinge of any color, and so abundantly petalled as to resemble a carnation, but a "carnation" 4 inches in diameter. This Alldouble Pure White is new, sensational and rare. Sorry, but not more than 1 order to a customer for 1959 . . . better order early to be safe.

80% Germination Guaranteed! Plants Grow Faster, Stronger!

Place your pre-planted Fertl-Cubes on a flat surface and give them a good soaking with a fog spray. In as little as 4 weeks you are ready to set vigorously growing plants into your garden. No loss or setback from transplanting. No more thinning, no wasted seed. This revolutionary method of planting gives your plants the push they need for a vigorous start, guarantees them continuous feeding for their complete life.

We urge you to use this wonderful new seed planting method. We promise you'll be surprised and delighted.

FREE! With every order of $6.95 or more, you get Fertl's famous 3-F Foliar "Fog Spray" bottle. Ideal for wetting down Seedling Starters, watering delicate plants, "fogging-on" garden chemicals, etc. You also get wonder-working 3-F Fertl Foliar Formula to spray with your "Fog Spray" bottle. It makes plants produce more blossoms, fruit and leaves.

YOUR 4 WAY UNCONDITIONAL MONEY BACK GUARANTEE ON FERTL PRE-PLANTS, SEEDLING STARTERS

1. Every seedling grown in every Fertl Pre-Plant must be a first quality W. Atlee Burpee seed — or your money back!
2. Every Fertl Pre-Plant must produce highest quality tomatoes or petunias for you—or your money back!
3. Every Fertl Seedling Starter must make growing plants, flowers, vegetables easier than you ever dreamed—or your money back!
4. **If for any reason at all** you're not satisfied with any Fertl Pre-Plant or Seedling Starter—just let us know—we'll refund your money—no questions asked!

As Always, You Have Fertl's Complete, Unconditional Money-Back Guarantee! Use Coupon To Order!

MAIL COUPON NOW!

FERTL, INC., DEPT. 931
9 North Water Street, South Norwalk, Conn.

I enclose $ ..... (cash, check, money order). Please ship postpaid the 1959 FERTL-CUBES products checked below. I must be completely satisfied or you will refund my money.

- ☐ Fertl-Cubes Seedling Starters, 120 Cube Economy Package including perlite — you save $1.00 ..... $4.95
- ☐ Fertl-Cubes Seedling Starters (40 cubes including perlite) 2.00
- ☐ Big Early Hybrid Tomato Fertl-Cubes (Guaranteed 24 plants) 2.98
- ☐ Guaranteed 72 plant Economy Package — You save over 20% 6.98
- ☐ BIG BOY® Hybrid Tomato Fertl-Cubes (Guaranteed 24 plants) 2.98
- ☐ Guaranteed 72 plant Economy Package — You save over 20% 6.98
- ☐ Salmon Alldouble Petunia Fertl-Cubes (Guaranteed 24 plants) 2.98
- ☐ Guaranteed 72 plant Economy Package — You save over 20% 6.98
- ☐ Allwhite Alldouble Petunia Fertl-Cubes (Guaranteed 24 plants) 3.49
- ☐ Guaranteed 72 plant Economy Package — You save over 20% 8.49

☐ **Save an additional 10%! Order an assortment of 3 or more items, and deduct 10% from prices listed!**

☐ **I have selected at least $6.95 worth of merchandise. Please send me FREE a 3-F Foliar "Fog Spray" pump bottle including wonder-working 3-F spray worth $1.98.**

NAME .....

ADDRESS .....

CITY ..... ZONE ..... STATE .....

NOTE: Free Spray Bottle offer expires June 30, 1959

Flower Grower's Guide to

FOUNDATION PLANTING

THE FOUNDATION PLANTING of the average home is one of the most important elements of its garden design—it makes or mars the appearance of the house from the street. The entrance facade is the face turned toward the casual passerby, the visual impression of what kind of person inhabits the house, showing what his tastes may be, giving an indication of his gardening IQ and revealing his general know-how in the way he has chosen and assembled the planting materials.

If you think this is overstating the case, just take a drive around the suburbs of any town or city, look over the results of foundation planting and see what you can learn from what you observe. You'll see mistakes galore along with some examples of excellent foundation planting such as seen in the photograph on this page.

On the ten pages that follow you will find suggested plans for planting different types and sizes of houses. Also, the basic "do" and "don't" rules.

Each house and situation offers a different problem to planting the foundation. It is, therefore, impossible

by JOHN B. BRIMER
HEAT AND PLANTING PLANS

to set down any dogmatic rules as one planting may be perfect for one house and completely wrong for another. Look at the planting suggestions on the following pages literally as suggestions. The perfect planting for your house may be a combination of sections from several of the plans that follow.

One of the difficult things when planting a foundation is to try to look at the project as a complete picture—we who have preferences for a single plant or a certain group of plants may overlook this as our eyes will always be focused on our favorite plants.

Your local nursery or garden store can be of great help to you in planning your foundation planting, as can the catalogs of mail-order nurseries where you can see the eventual shape and oftentimes the color of the mature plants or flowers. Above all, take your time—make sure you have a plan before you start to plant.

GOTTSCHO-SCHLEISNER

The three basic items in foundation planting

THE HOUSE AND PLANTINGS, so happily mated here, will become even more beautifully integrated in the years ahead. The mingling of evergreens with deciduous and flowering plant material, the careful scaling of shrubbery and trees to the house and the positions they occupy, the thoughtful and intelligent placement of the plant material so that every line of the house, every wall space is enhanced—all these combine to make this entrance facade inviting and pleasant.

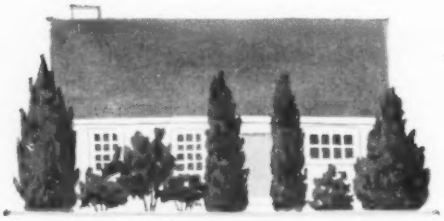
- **THE TREES—The white pine at the left is an effective all-year screen for the service area and helps to dress up the blank wall of the house wing. It will, with little care, always be a handsome tree. The small deciduous tree placed between the windows, left, was chosen to be in scale with the one-story house. A second flowering tree (far right) screens the bedroom window from public area view.**
- **THE SHRUBS AND EVERGREENS—Broad-leaved evergreens—rhododendrons, mountain-laurel, azaleas—form the all-year foundation planting. At far left is an American holly, pruned back to keep it thick and bushy as it ages. Dwarf rhododendrons and azaleas are used below the windows to keep them from encroaching on the view, with taller ones where higher wall spaces occur.**
- **GROUND COVERS—Vinca minor is used to form a living mulch from the house to the edge of the graveled driveway, cutting down on maintenance.**

Things to AVOID when planning

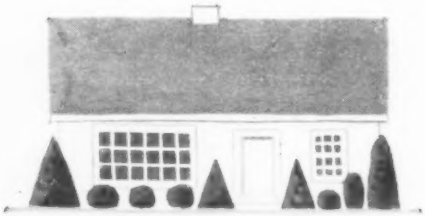
IT IS JUST AS IMPORTANT to know what *not* to do as it is to know correct foundation planting procedures. Most of the mistakes occur because gardeners rush headlong into the work without study and consideration—without really learning what to do or not to do. They garden in haste but they cannot repent at leisure, for with wrong plantings there usually is no leisure. Let us, therefore, look at some of the things to be avoided and try to make our foundation plantings better.

- Don't let the foundation planting get too elaborate—it may become a Frankenstein monster in short order.
- Don't make spotty arrangements with one plant each of the kinds you like—you are not making a botanical display.
- Don't use many upright, tall-growing plants against a small narrow house—it will look even more gaunt.
- Don't choose rampant growers to get a quick effect—you'll get it all right, along with plenty of work keeping the plants in check in the years to come.
- Don't overplant. You may only need to put a plant or two at corners and by the entrance if the house is architecturally good and has no particular site problems.
- Don't get the plantings too "jazzy" either in color of blossom or leaf. Variegated and colorful plants are best used in moderation, primarily for accents.
- Don't, on the other hand, let your plantings be too dull. Interesting variety of texture and color is needed.
- Don't put high plantings in the center of each wall and taper it to the corners. It is better to work the other way.
- Don't use shrubs or plants which are ugly when bare in winter. Choose for all-year beauty as well as for flower and leaf beauty when the plant is in bloom.
- Don't use low-headed trees close to the house placed so that they'll shade windows and make the interior gloomy and obscure the view outward.
- Don't use dark-leaved plants or evergreens against deep-colored house walls.
- Don't plant shrubs or evergreens where they'll never have the proper room to develop to their full, mature beauty. Making narrow beds or cramping plants into a narrow wall space or planting them under low windows where their heads will have to be pruned constantly is folly.
- Don't use trees which grow so tall that when mature they'll dwarf the house.
- Don't use little trees around a large two-story house or it may look like a mother hen with a brood of blossoming young chicks.
- Don't make plantings of the wrong style to go with the architectural spirit of your house.

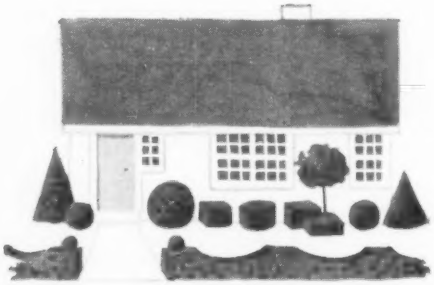
Above all, don't get alarmed at this point and feel that this is becoming too complex and you'll *never* learn how to go about it. You've now found out the major pitfalls and your choices have been narrowed so that you're likely to do the right things, especially when you read about what to strive for on the opposite page.



The wrong plants ten years later may be shaggy and unkempt; windows blocked.



Plants that grow too large must be clipped, giving them an "exclamation point" shape.

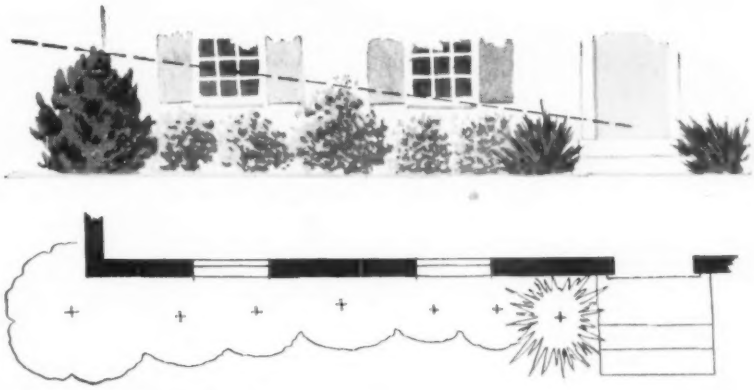


Elaborate plantings and fancy topiary work are out of key with today's small cottages.

Informal plantings, no matter how well done, are not suited for a formal house.

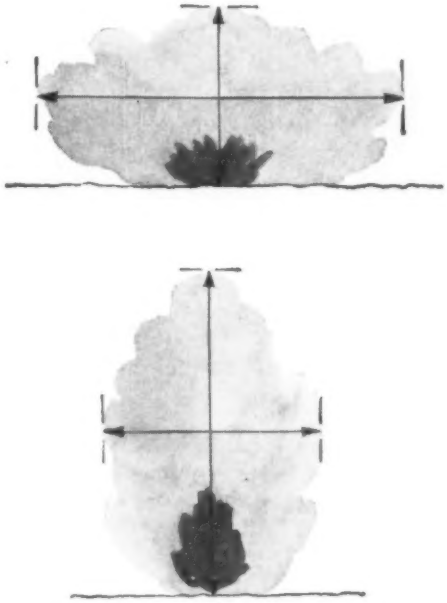
Things you should STRIVE for

NOW THAT WE know what not to do, let us take a quick look at the principles to follow when we plan our foundation plantings, the ways by which we can relate the house to its natural site and make it belong. The primary purpose of foundation planting is to soften the lines of the house, making a transition between the hard, vertical, architectural planes and the soft, horizontal, natural planes of the garden. That it also decorates, lending color and grace to the lines of the house, accenting doors, wall spaces, windows and other features, is an important part of its function, but it should never be the sole and primary purpose in planting.



Place taller, larger shrubs at corners of house, tapering down toward center or toward important feature such as doorway, with low plantings under windows.

- Place the taller, larger shrubs at corners of the house, tapering down toward the center (dotted line in sketch above) or toward an important feature such as a doorway. Low plantings under windows are mandatory and all other shrubs must be scaled (keeping mature size in mind) to the wall spaces they are to occupy.
- Plan beds wide enough so that the plants have room to expand. Plant everything out from the wall and far enough apart to allow for growth—don't jam them in together. You can interplant the first few years with annuals, dwarf dahlias and other temporary plants to give body and color to the beds while the permanent plants are making their growth.
- Choose plants that will stay the height or width you need without constant clipping or pruning to size and shape. Use plants that will be healthy without too much nursing, that will have flowers, handsome leaves, colored foliage or fruits or a combination of these desirable attributes to contribute to your foundation plantings.
- Use only enough plants to give the effect needed. It is no sin to show the joining of foundation and soil at a few points—far better, in fact, than to smother a good house in unnecessary masses of plants. A few, well-chosen plants, placed strategically to make their utmost contribution, should be your watchword.
- If the land slopes, either make a feature of it or use evergreen plantings to give an all-year disguise to make it look more level. Terracing will help to pull the house on a steep slope down to earth. Horizontal plantings above and below the terrace aid in reconciling the house to its site.
- Balanced, semiformal or formal plantings fit best with symmetrical, traditional houses. (Most home gardeners know that formal gardens would *not* go, for example, with a log cabin!) Informal and asymmetrical effects, though harder to accomplish, will enhance the informal and modern style of house. These may be either picturesque and natural or of more stylized plant material.
- Choose trees which are in scale with the size of the house—the big, tall house demands big, tall trees; a low, small house needs medium or small trees.

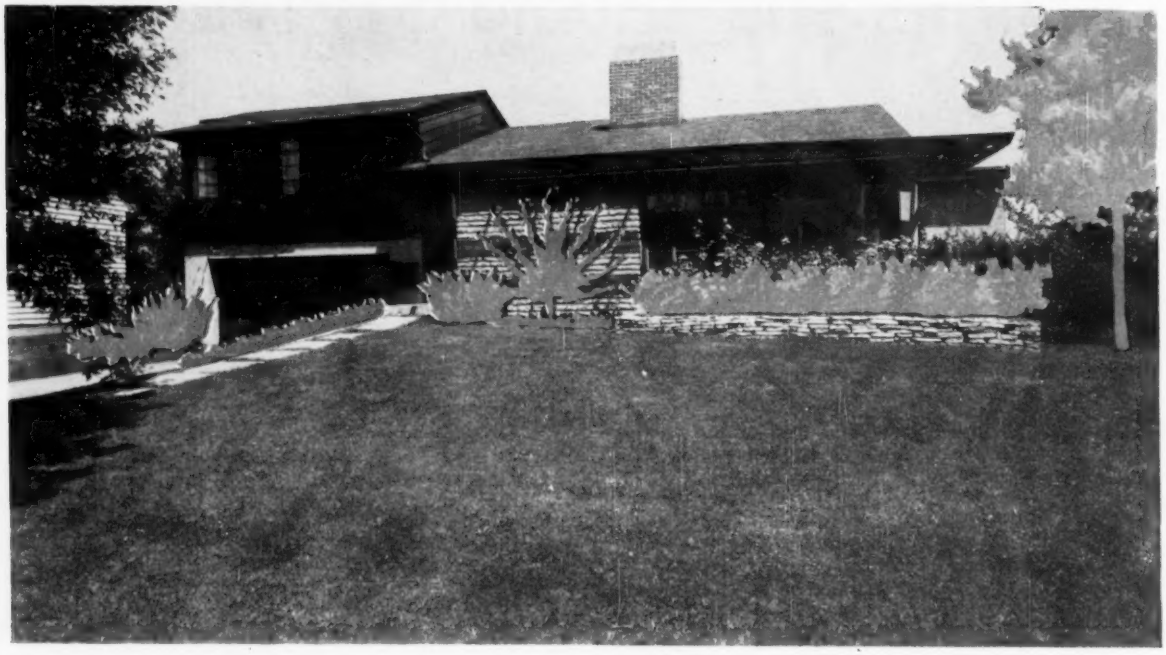


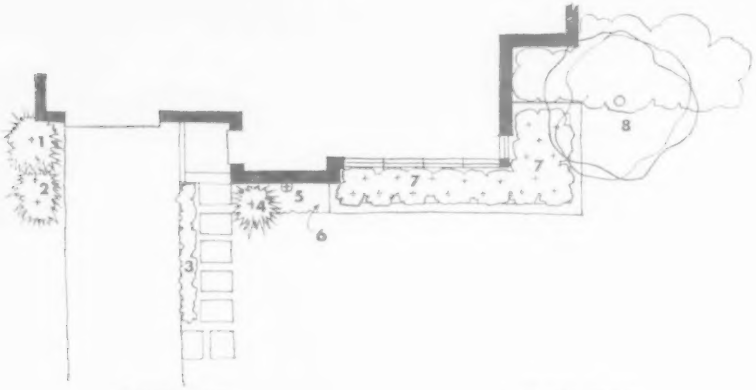
Consider the eventual size of plant. Dark area is size at planting time.

Turn page to see how seven planting problems were solved.

Modern effect for modern house

SCOTTS LAWN RESEARCH





PLAN ONE

1. *Juniperus chinensis Pfitzeriana compacta*, Pfitzer's juniper
2. *Juniperus horizontalis* Bar Harbor, Bar Harbor juniper
3. *Taxus baccata repandens*, dwarf spreading English yew
4. *Taxus baccata Washingtoni*
5. *Taxus media Hicksi* or *Hatfieldi*, Hatfield or Hick's yew espaliered
6. *Vinca minor* or *Pachysandra terminalis*, myrtle or spurge (ground cover)
7. Floribunda roses
8. *Sorbus Aucuparia*, European Ash.

PLAN TWO

1. *Pinus Mugo Mughus*, Mugho pine
2. *Juniperus procumbens*, Garden Juniper
3. *Teucrium Chamaedrys*, germander, or *Santolina Chamaecyparissus*, lavender-cotton
4. *Picea Abies procumbens*
5. *Magnolia stellata*, star magnolia
6. *Euonymus Fortune minimus*, baby wintercreeper (ground cover)
7. *Santolina Chamaecyparissus*, lavender-cotton and *Buxus sempervirens suffruticosa*, dwarf boxwood
8. *Oxydendrum arboreum*, sourwood

INFORMAL BALANCE is the key to good modern architecture and plantings of modern homes should echo and complement this informality. Large expanses of glass and big areas of textured masonry call for similar simplicity in the planting. Picture windows should remain pictures—don't put tall-growing plants in front of them.

Don't overplant masonry areas but use plants of open structure whose pattern of branching will let the wall show through without obscuring the texture of the masonry. Don't plant trees in spots that will interfere with the view from wide windows. Place them to one side where they will give shade, frame the view or block out an ugly telephone pole. Many plants can be espaliered or trained to soften an uncompromising wall—fruits, yew, magnolia, pyracantha are all good.

Planting the small traditional

SMALL HOUSES call for ingenuity in planning for it is a real feat to enhance the house without overdoing it. If the house is painted barn red (as is the one shown here) all flowering shrubs should be kept in shades of red on the warm side—corals, salmons, not rose pink or crimson. Mollis azaleas of orange, coral and yellow also go well with barn reds. White is always a good foil. Evergreens should be in light, silvery or bluish tones with dark-painted houses. The same house in white or pale pastel colors would widen the color choice. Use darker evergreens, brilliant hues in the flowering shrubs and clematis. A pair of formally placed flowering trees and a clipped hedge across the front of the plot would be in keeping with the formal balance of the traditional house.

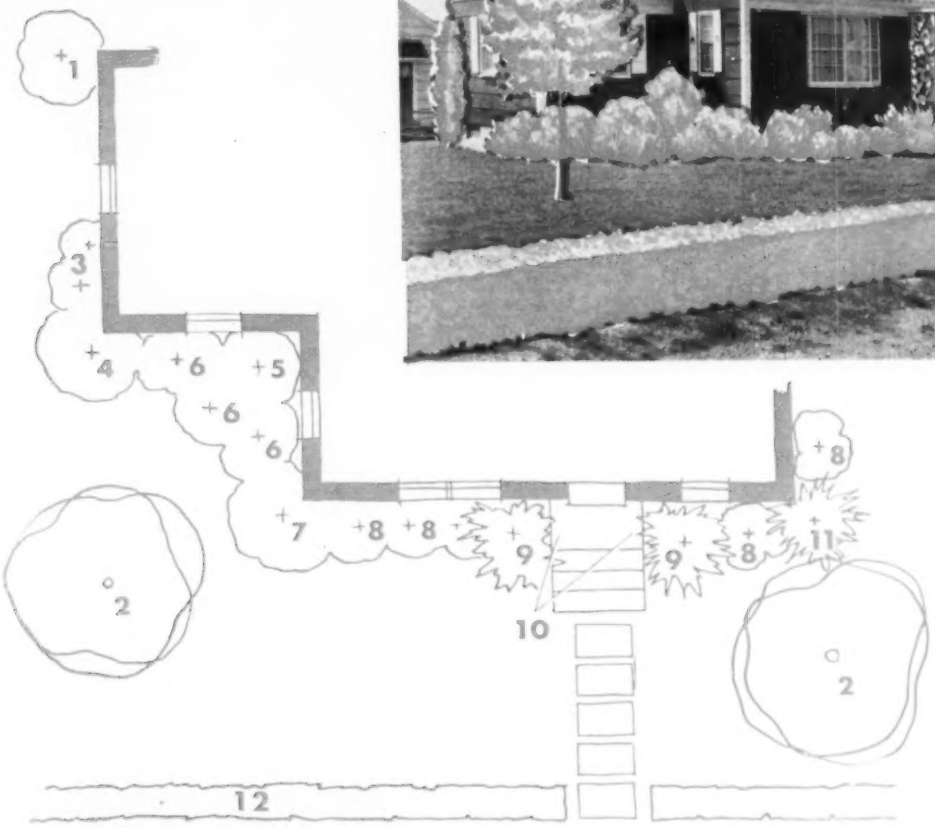
FOR RED HOUSE

1. *Prunus serrulata Amanagawa*, Amanagawa flowering cherry
2. *Cornus florida*
3. Azalea (Kurume hybrids), salmon
4. *Azalea Mollis* and hybrids, coral shades
5. *Spirea prunifolia*
6. Azalea (Kurume hybrids), white
7. *Euonymus Fortunei vegetus*
8. *Chaenomeles japonica nana*
9. *Juniperus Sabina*, Savin juniper
10. *Clematis hybrids*, white or blues
11. *Juniperus chinensis Pfitzeriana compacta*, Pfitzer's juniper

FOR WHITE HOUSE

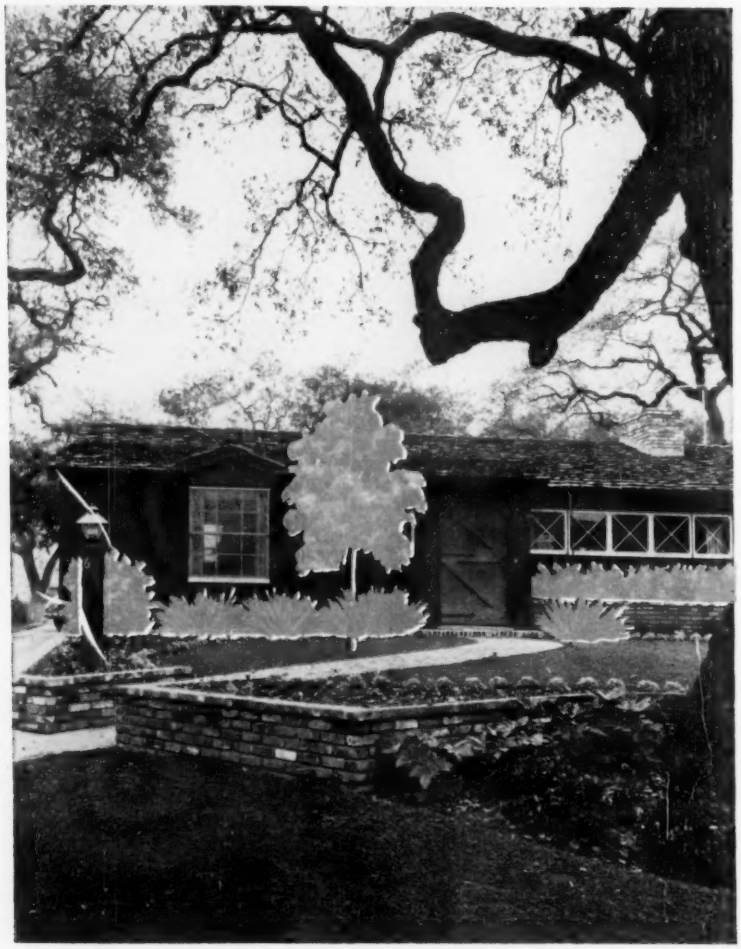
1. *Thuja occidentalis pyramidalis*, pyramidal arborvitae
2. *Prunus serrulata Kwanzan*
3. *Pieris floribunda*, andromeda
4. *Rhododendron hybrid*
5. *Ilex crenata* or *Ilex cornuta*, Japanese or Chinese holly
6. Azalea (Kurume hybrids)
7. *Spirea Bumalda* Anthony Waterer
8. *Chaenomeles japonica nana*, dwarf Japanese quince
9. *Thuja occidentalis globosa*
10. Clematis hybrids, any color
11. *Ilex crenata rotundifolia*

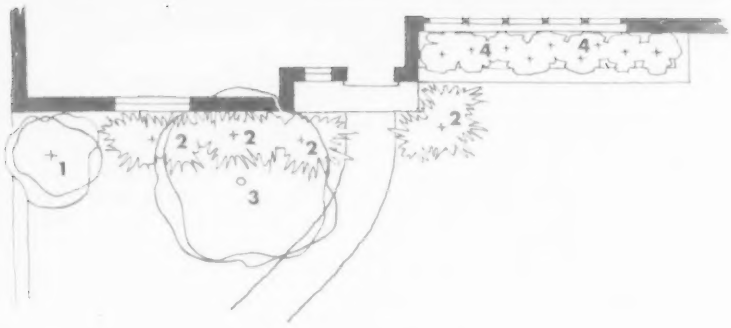
A. DEVANEY, INC.



For the romantic rustic modern

MAX TATCH





WITH DEEP-COLORED HOUSES like this, only silvery or light green evergreens should be used. Because the house is somewhat modern, yet rustic in feeling, picturesque but somewhat stylized foundation plantings are in order.

Several problems are immediately presented by the architecture. The bank of high windows at the right above the plant box means that only low-growing and dwarf plant material can be used below them. Because of its proximity to the door, material used should be of interest and continue in flower for some time. Possible choices include floribunda roses or hypericum HIDCOTE.

The break in the roof line at right of the door would ordinarily be the logical spot to place the small tree, but because it would block the view and interfere with strong horizontal lines of the windows we position the tree at the left to break up the blank wall and provide a burst of blossom above the evergreen foundation planting.

We repeat the foundation plant across the walk to echo and emphasize the windows' horizontal line. We also partially fill the wall space, far left, with a medium-height shrub which will stay compact and not tower over the low-growing foundation plants. The curving bed at left and above the wall, center, can be filled with bedding plants during the summer, underplanted with bulbs for a spring display of color, or the bed may be filled with dwarf floribunda roses.

FOR A DARK-COLORED HOUSE

1. *Euonymus kiautschovica*
2. *Juniperus chinensis Pfitzeriana*, Pfitzer juniper
3. *Sophora japonica*, pagoda tree
4. Floribunda roses

FOR A LIGHT-COLORED HOUSE

1. *Ilex cornuta*, Chinese holly
2. *Ilex crenata*, Green Island
3. *Malus hupehensis*, tea crab
4. Hypericum Hidcote

Small house on high foundation

WITH PROBLEMS such as those we see in this picture—a house of moderate size, high foundations with windows set rather far above them—great care must be taken with the plantings to make the house nestle down and fit into the landscape.

To complicate matters, we find that the windows are all of different sizes and that they are placed so that the wall spaces which result are rather awkward to fill. Nevertheless, plantings can not only assist the house to settle into position, but they can also make it look larger. The trick is to use only a few *kinds* of plants, choosing sorts which will stay low in growth, and to group them together in long lines to emphasize the horizontal line of the house.

Choose a small tree, one which won't grow up to dwarf the house—place it between windows. Use one or two tall shrubs where they will mean the most—at the left corner and in the side wall center, right. Using a pair of evergreens on either side of the entrance gives a certain stability, a balanced feeling, even though the rest of the planting is not bisymmetrical.

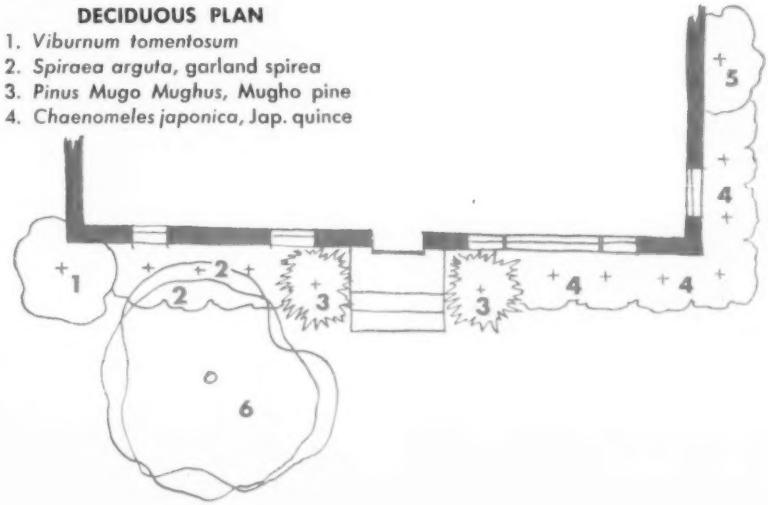
Some of the plants chosen may be evergreen mixed with deciduous shrubs, or the entire planting may be evergreen or totally deciduous, according to the owner's taste. But if we approach the planting as a design problem *first* and consider the plant choice *second*, we shall probably find that the "green clothing" hangs better on the bones of the planting.

DECIDUOUS PLAN

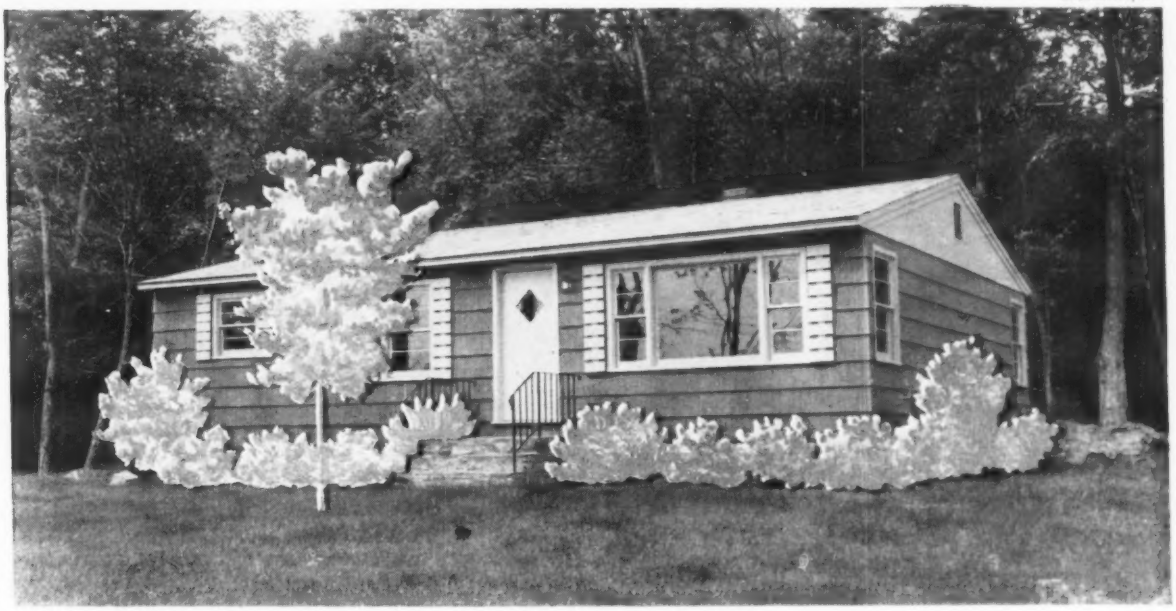
1. *Viburnum tomentosum*
2. *Spiraea arguta*, garland spirea
3. *Pinus Mugo Mughus*, Mugho pine
4. *Chaenomeles japonica*, Jap. quince
5. *Pyrachantha coccinea Lalandi*
6. *Chionanthus retusus*

FOR SEMI-SHADY LOCATION

1. *Rhododendron maximum*
2. *Azalea indica* hybrid
3. *Taxus Hunnewelliana*
4. *Rhododendron catawbiense*, Boute de Neige
5. *Taxus cuspidata capitata*
6. *Styrax japonica*, snowbell



A. DEVANEY, INC.



Send 25c for America's
FINEST IRIS BOOK

Loaded with 52 pages of true-to-life color, featuring flower arrangements and gardens devoted to iris. Scores of brand new varieties, many of them available for the first time.

NEW PINKS! From Dave Hall
NEW BLENDS! From Dr. Kleinsorge
NEW PLICATAS! From Jim Gibson
NEW INDIGO BLUE! From Dr. Riddle

America's Finest
IRIS BOOK

Over 100 natural color kodachrome illustrations, money-saving collections, lists and describes almost **300 modern varieties.** If you are planning to plant your first Iris, or if you are a seasoned Iris expert, you simply must see and own one of these beautiful books.

Send 25c for your copy today!

Cooley's GARDENS
Box F • Silverton, Oregon

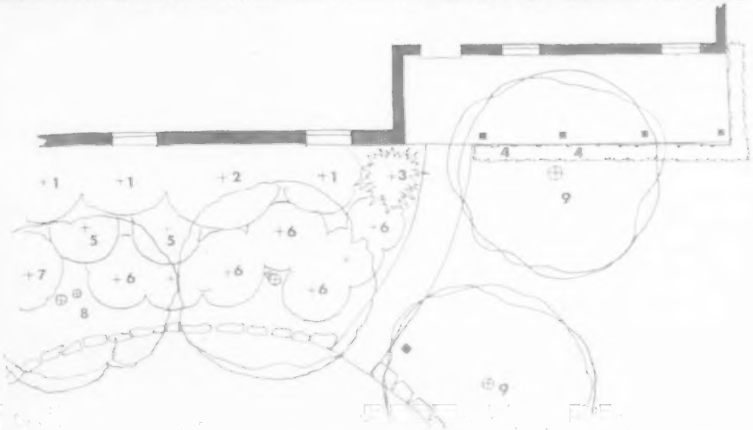
COOLEY'S GARDENS
Box F, Silverton, Oregon

☐ Enclosed is my 25c for which please send me America's finest Iris catalog in full color, listing 300 modern varieties.

Name _____
Street _____
City _____
State _____

Planting the large house

MOLLY ADAMS



SCALE THE PLANTINGS to the size of the house. Large houses need wider plantings, taller trees. Sometimes it is better to expand the bed to a driveway or walk rather than to put a hard-to-maintain ribbon of lawn in front of it.

Dwarf, prostrate or low-growing shrubs and a generous area of a ground cover will keep the bed from becoming too important and massive. If there is a low porch or terrace, use low annuals and bulbs or else put in a dwarf evergreen hedge which can be kept clipped at floor level to give a crisp edge. Balance with a low evergreen beyond walk.

Evergreen and deciduous shrubs in the foundation planting give a variety of texture and bloom. Underplant the ground cover with bulbs; in summer set in annuals for additional color.

THE PLANTS IN THE PLAN

1. *Viburnum tomentosum*
2. *Chaenomeles japonica*, Jap. quince
3. *Taxus cuspidata nana compacta*, dwarf yew
4. *Taxus baccata repandens*, spreading yew
5. *Berberis Julianae*, barberry
6. Azalea, dwarf
7. *Deutzia Lemoinei*, Lemoine's deutzia
8. *Vinca minor*, myrtle, bulbs underplanted
9. Existing trees

Pale house, sloping site

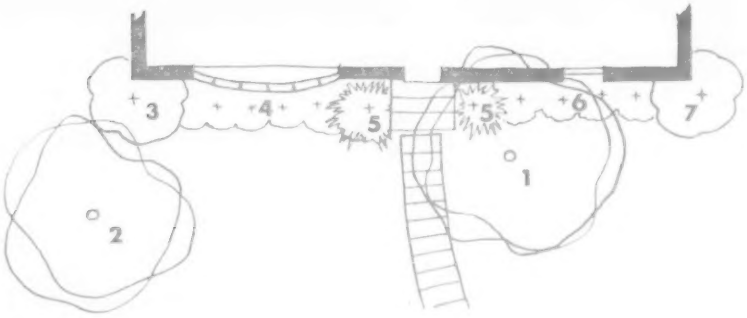
PASTEL-COLORED and white houses can use more evergreens than deep-toned homes where dark shrubs would make for gloom. Here, evergreens used under the bow window minimize somewhat the decided slope, give year-round concealment to the foundation.

A large evergreen anchors the left corner; a smaller, more open broad-leaved evergreen softens the right. Give importance to the doorway with a matched pair of evergreens and a low planting of azaleas under the window at right to give brightness to the spring aspect.

Because there are such large trees behind the house, a medium-sized tree is needed to relate them to the picture. Thornless honey-locust, European birch, mountain ash, or any other fine-foliaged trees will do the trick without being cumbersome. The tree at the left is a specimen—flowering cherry, purple-leaf plum, crab-apple, hawthorn or dogwood.

THE PLANTS IN THE PLAN

1. *Betula pendula,* European white birch
2. *Prunus cerasifera atropurpurea*
3. *Pinus Mugo Mughus,* Mugho pine
4. *Juniperus horizontalis plumosa,* Andorra creeping juniper
5. *Taxus media Browni,* Brown's yew
6. Azalea (Kurume hybrids), bright and deep colors
7. *Kalmia latifolia,* mountain laurel



WALTER SINGER

SEYMOUR SMITH
SNAP-CUT®
PRUNERS

do wonders for your SHRUBS

Proper pruning is the key to beautiful shrubs . . . makes your place a showplace! Take the 'huff and puff' out of your pruning this year. These fast cutting pruners are so light, so easy to use, you'll realize instantly this is a real gardener's tool.

At your hardware store, garden supply center or building supply dealers.

SEYMOUR SMITH SNAP-CUT. Quality Tools Since 1850

SEYMOUR SMITH & SON, INC.
Oakville, Conn., U. S. A.

FREE
COLOR FOLDER

SHOWS VARIETIES AND MULTIPLE USES OF

EMERALD

EUONYMUS SHRUBS

THE FINEST
Broad-leaved Evergreens
FOR
HEDGING · FOUNDATION AND ORNAMENTAL USE

•

FOR FREE COLOR BROCHURE
and name of your nearest
Emerald Euonymus dealer, write to:

CORLISS BROS.
INCORPORATED
IPSWICH 74, MASSACHUSETTS

For abundant, healthy iris—use

GRAY'S IRIS BORER CONTROL

Developed and tested through years of use in thousands of iris gardens the country over, GRAY's is recommended by professional iris growers for complete borer control.

It's a **must** for your iris garden. Gives you the only practical and easy control system for borers. SURE DEATH to borers is insured with proper application early each Spring. Just spray on. Digging is **not** necessary.

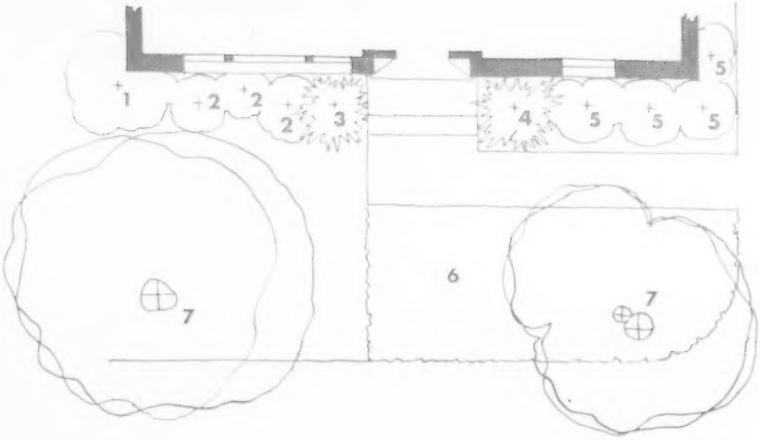
GRAY's is economical. Two tablespoons make a full quart of borer-killing solution. Just add water and spray. Full directions are included.

Get GRAY's now at your favorite garden supply dealer or hardware store or use the handy coupon below.

G & R PRODUCTS, INC.
102 Bloomingdale Rd.
Itasca, Illinois, Dept. 31
Gentlemen:
I enclose $ ..... Please send at once
Gray's Iris Borer Control as follows:
..... Pint @ $2.20
..... Quart @ $3.50
..... Gallon @ $11.00
(Illinois customers add 3% occ. tax. West of Rockies add 25¢)
Name .....
Street & No. .....
City & Zone ..... State .....

A house too near street

MARJORIE J. DIETZ



BECAUSE THIS SMALL HOUSE is placed very near the street, there would seem to be too little space for adequate planting. However, the builder left a few trees and by exercising a bit of ingenuity in planning, a good effect can be achieved.

Place the walk which connects door and driveway four feet or more from the foundation. Then shrubs will have space to spread in as they grow. Plant ground cover under them, continuing it across the walk to give further textural interest and help in cutting down on lawn maintenance by saving wear and tear. Spring bulbs, underplanted, will brighten the ground cover.

Since all windows are placed low, choose dwarf plants which will not grow above windowsill height when mature. Long beds of low plants will also make the house look wider and help to make it settle into the landscape as the plants mature.

THE PLANTS IN THE PLAN

1. *Euonymus alatus compactus*, dwarf winged euonymus
2. Azalea Delaware Valley White
3. *Taxus cuspidata nana*, dwarf Japanese yew
4. *Taxus media Hatfieldi*
5. *Leucothoe Catesbaei*
6. *Vinca minor*, myrtle (bulbs under)
7. Existing trees

More plant selections

The plants mentioned in the plans on the preceding pages will do well in many parts of the country, particularly in most sections of the Northeast, Northwest and Upper South. Some suggestions for other parts of the country are as follows (in any case, consult nursery catalogues and local authorities):

SOUTHERN GARDENS

Small Flowering Trees
Chionanthus virginica, fringe-tree
Firmiana simplex, parasol-tree
Halesia, silver-bell
Koelreuteria paniculata
Pyrus angustifolia, crab-apple
Evergreen Trees
Camellia sasanqua, sasanqua camellia
Ilex latifolia, big-leaf holly
Laurocerasus caroliniana, cherry-laurel
Podocarpus, bull-yew
Deciduous Flowering Shrubs
Exochorda, pearl-bush
Viburnum carlcephalum, snowball
Low Hedge Shrubs
Abelia grandiflora, glossy abelia
Kurume azalea
Gardenia stricta, erect gardenia
Ground Covers
Ajuga, bugle-weed
Hedera, ivy
Liriope muscari, majestic liriope
Ophiopogon, dragon's beard

MIDWESTERN GARDENS

Small-Flowering Trees
Amelanchier grandiflora, shadblow
Crataegus punctata, dotted hawthorn
Magnolia salicifolia, anise magnolia
Malus zumi calocarpa, Zumi crab-apple
Evergreen Trees
Picea omorika, Serbian spruce
Pinus resinosa, red or Norway pine
Pinus strobus, white pine
Pseudotsuga taxifolia, Douglas fir
Deciduous Flowering Shrubs
Cornus officinalis, cornel dogwood
Cotoneaster multiflora calocarpa, many-flower cotoneaster
Syringa oblata dilatata, Korean lilac
Viburnum lantana, wayfaring-tree
Low Hedge Shrubs
Buxus microphylla koreana, Korean little-leaved boxwood
Euonymus fortunei vegetus
Lonicera claveyi nana
Ribes alpinum, alpine currant
Ground Covers
Euonymus fortunei coloratus, purple-leaf wintercreeper
Euonymus obovatus
Hedera helix baltica, Baltic ivy (shade)
Pachysandra terminalis
Rosa rugosa Max Graf

SOUTHERN CALIFORNIA GARDENS

Small Flowering Trees
Lagerstroemia indica, crape-myrtle
Magnolia soulangeana, magnolia
Prunus cerasifera atropurpurea
Eucalyptus torquata, coral gum
Evergreen Trees
Prunus caroliniana, cherry laurel
Pyrus kawakami, evergreen pear
Bauhinia variegata, orchid-tree
Acacia podalyriaefolia, pearl acacia
Deciduous Flowering Shrubs
Prunus cistena, dwarf red-leaf plum
Chaenomeles lagenaria, quince
Calycanthus floridus, sweet-shrub
Weigela Bristol Ruby
Low Hedge Shrubs
Camellia sasanqua
Gardenia Mystery
Buxus harlandi, Harland boxwood
Ground Covers
Hypericum calycinum, Aaron's beard
Trachelospermum jasminoides
Campanula poscharskyana, bellflower
Fragaria chiloensis, wild strawberry

Renovating an old foundation planting

• Many times it is best to start from scratch when faced with planting the foundation of an old house. This is what FLOWER GROWER's Senior Editor Montague Free did with his Poughkeepsie, New York, home.

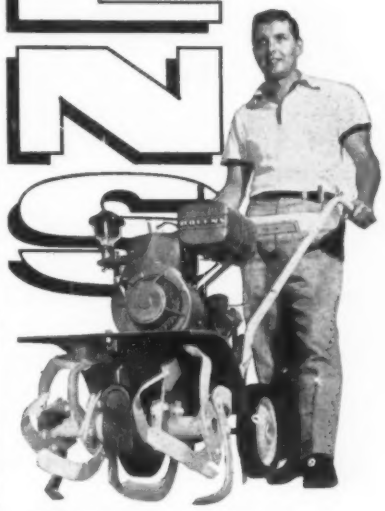
The entire planting was removed and the area regraded. The only plants in the immediate vicinity of the house that were saved were the small trees.

MALCOLM R. KINNEY

Within a few years the new planting became established, blending with the trees that were saved. Take particular note of how the planting reduces the height of the house.

TURN PAGE

BOLENS



tilling is easy with this Bolens Heavy-Duty Mustang . . . one of four new Mustang tillers for '59. If you need extra stamina, Bolens offers both the Heavy-Duty and Super Mustang. Each has the added convenience of new rotor tine reverse for easy handling in tight spaces. For smaller garden needs, choose either the Mustang or Junior Mustang, long-time favorites of the economy-minded gardener. All four models feature Bolens Select-O-Width tilling.

select-o-width extension tines . . . a quick, easy way to match rotor width to row spacing. Extra tines are added or removed without tools.

BOLENS

Use this coupon to get free full-color literature and the name of your nearest Bolens dealer.

Check the catalogs that interest you, and mail to Bolens with your name and address.

☐ LAWN MOWERS ☐ UTILITY TRACTORS
☐ TILLERS ☐ CHAIN SAWS
☐ POWER-PAK (Tiller-Mower-Snow Plow Convertible)

BOLENS PRODUCTS DIVISION
Food Machinery & Chemical Corporation
Port Washington, Wisconsin

Orlyt

Winter time and the Gardening is easy

It's true . . . the gardener with an Orlyt greenhouse has no weather problem . . . winter or summer . . . it's *never* too hot, *never* too cold, *never* too rainy, *never* too anything. The weather is always just right, because in an Orlyt you have "climate-control".

A GARDENER'S DREAM COME TRUE

It's a gardener's dream come true . . . no guessing, no watching and no worrying. Your Orlyt can be completely automatic. Set the dials and "Climate-control" takes over.

Aluminum *Orlyts* are beautiful, sturdy and permanent with time-tested *glass panes* that do not sag, tear or deteriorate. Don't settle for anything less when it is so inexpensive to have the *real thing*.

YOU CAN AFFORD AN ORLYT

Orlyts start at about $400. . . . and . . . on the 3-year, no-money-down, Pay Plan can cost as little as $15. a month. Prefabricated for easy "Build-it-yourself" assembly.

SEND FOR FREE CATALOG 26-3

LORD and BURNHAM
IRVINGTON, N.Y.

PUSH-BUTTON GARDEN PROTECTION

Simply press down the button on a Hayes garden hose sprayer to start spraying garden chemicals. It's the quick, easy way to control insect pests that eat into leaves and flowers, sap plant vitality and damage your garden.

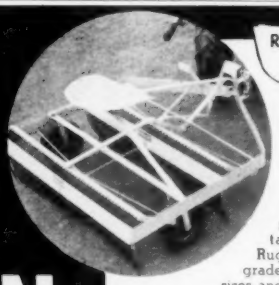
The Hayes mixes, proportions and applies spray materials *automatically*—using the water power from your garden hose. Hayes spray guns are approved by leading manufacturers of garden chemicals. At nursery and hardware dealers.

...with a **Hayes** *spray gun*

$2.95 and up

- **Hayes Garden Sprayers.** For insecticides, fungicides, crabgrass killers, fly, ant and termite control. In 1½, 3, 4, 6 and 12 gallon sizes.
- **Hayes Lawn Sprayers.** For fertilizers, lawn moth solutions, fungicides, weed killers, herbicides, etc. In three models.

RAKE **BIG**
RAKE **FAST**
RAKE **CLEAN**



RAKING THE NATION

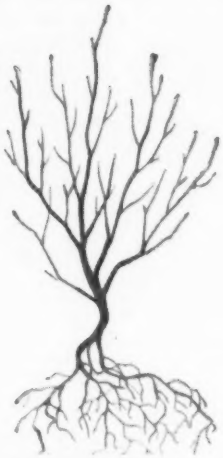
ROBBIE RAKE

Patented, self-cleaning device. Unbreakable steel tines. Will not damage established lawn. Rugged enough to grade new lawns. Four sizes and models. Distributed by leading manufacturers of garden tractors . . . or write direct!

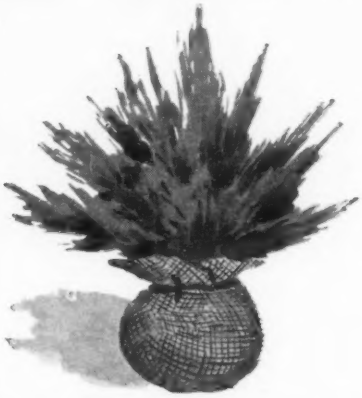
ROBBIE RAKE, 117 S. Elkhart Ave., Elkhart, Ind.

KLEEN PAT. PEND. TINE
ROBBIE RAKE

3 ways shrubs and trees can be bought



BARE ROOT—Plants are dormant, roots in moisture-holding material.



BALL AND BURLAP (B & B)—Plants dormant, roots in original soil.

CONTAINER—Plants can be in full growth and be set out at any time.

Now! 2 Friend-Winning Offers from LAKELAND

Save Nearly 50% from regular catalog price

One of The Great Joys of Modern Gardening!

WINTER-HARDY, EVERBLOOMING CARNATIONS

Forget about grandmother's lovely carnations . . . these are bigger, far more glorious in color, and are so highly developed that you now get a solid mass of flowers from each single plant, **with heavy bloom beginning first summer.** Flowering period is longer too!

So Much Beauty — For Such Little Effort!

You haven't seen carnation beauty yet until you see **dozens** of these exquisite charmers erupt into bloom at one single time — on each single plant — beginning in late spring. You haven't smelled fragrance in a garden — or in your home — until you edge a garden border with these beauties — especially near a window. And they bloom and bloom again right up 'til late fall, so think of the hundreds of gay cut flowers, bouquets and boutonnieres you'll enjoy month after month from just a small collection of plants.

About 15" high; winter-hardy anywhere; multiply year after year. And we're just bubbling over to tell you that our new red variety is the most brilliant, sparkling color we've ever seen in a carnation!

#PS-11 In Red and Pink only

Postpaid 2 (1 of ea. color) for $1; 6 (3 ea.) for $2.75; 12 (6 ea.) for $5.25

You Are Now Looking At The First

FLAME RED FLOWERING DOGWOOD

(Plant Patent #1710)

Ever Seen On The Face Of The Earth!

What a sensational vision to see America's most-loved flowering tree burst into FLAME-RED BLOOM — a sight never before seen in garden history! (Up to now, even the "reddest" flowering dogwoods have only been rosy-pink!) The deep crimson blossoms will light up your whole yard — bring gasps of wonder even when glimpsed a full block away!

Flames Into Bloom Even Before The Leaves Appear— A Year Round Spectacle Of Beauty!

Like a flame-colored cloud floating in air, Cherokee Chief bursts into bloom with the first robin of spring, flames regally over the yellow daffodils and remains in full bloom to rival the brilliant red hues of tulip-time! Then, when this flameburst of beauty goes...a new one magically appears! For unlike all other flowering dogwoods...instead of leafing out green...*Cherokee Chief flames into color again with bright crimson foliage* that slowly changes to green, emblazoned by clusters of sparkling red berries all summer! Then the whole tree erupts into scarlet glory again with a spectacular show of "burning leaf" beauty in Autumn! Even in winter, masses of plump buds etch picturesque patterns against the sky...and the tree shape is always lovely!

Supplies Limited — Order Today!

So incredibly fiery and breathtaking in bloom, *we predict that Cherokee Chief will be the most-demanded flowering tree for the next 50 years — will be in extremely short supply for years to come!* Very hardy, thrives in almost any type soil, in sun or full shade. 20 ft. high at maturity. Shipped Postpaid. *(sorry, limit 2 to a customer)*

#TS-10 $5.95 ea.; 2 for $11.

Save $1 from reg. cat. price

Fairly Rapid Grower — Blooms Young!

Approx. 3 ft. shipping height; nicely rooted and branched — ideal transplanting size for fastest growth in your garden. *Often blooms 1st season; but in any case, will bloom not later than 1 year after planting!*

FREE! NEW GIANT COLOR CATALOG
LAKELAND NURSERIES SALES, GARDEN CITY, N. Y.
"over 900,000 satisfied customers"

LAKELAND NURSERIES SALES
GARDEN CITY, NEW YORK

- 10-Day Money Back Guarantee
- 90-Day Replacement Guarantee
- Shipped at proper planting time for your locality

Enclosed find $ _____ in cash, check or money order in full payment for the following items:

_____ Carnations (#PS-11) @ $_____

_____ Red Dogwoods (#TS-10) @ $_____

☐ Send me your FREE big Color Catalog

Name _____
please print

Address _____

City _____ Zone _____ State _____

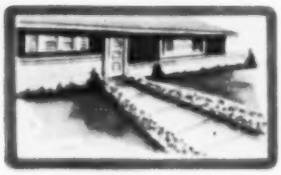
Note: All orders shipped postpaid. No C.O.Ds. please.

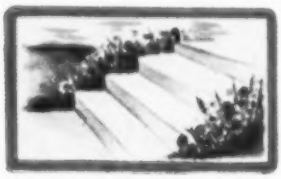
M-41 ©1959, Lakeland Nursery Sales, N.Y.

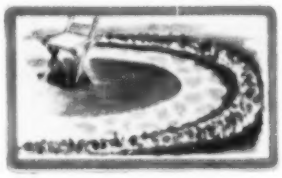
IT'S HERE! A Scientific Breakthrough in Horticulture!

HUNDREDS AND HUNDREDS OF GORGEOUS, FULL GROWN FLOWERS *ALL SUMMER LONG* . . .OR MONEY BACK!

- *EXCITING NEW 1959 FLOWERAMA!®*
- *JUST UNROLL "MIRACLE CARPET". . . WATER AND WATCH GIANT FLOWERS GROW!*
- *GROWS UP TO 3 FEET TALL! • OVER 100 VARIETIES*
- *CONTINUOUS BLOOMS UNTIL HEAVY FROST!*







How much would you pay for hundreds and hundreds of magnificent flowers at a florist or greenhouse? If you paid only $3.00 a dozen the cost would be at least $250.00 — yet you can have all your favorite flowers blooming all Summer long for only $4.98. Gorgeous flowers — a choice selection of over 100 varieties — waiting to burst into bloom with each amazing new all-in-one seeded Flowerama "Miracle Carpet". Imagine — *beautiful flowers growing up to the sky in just weeks! A luxuriant riot of color — continuously blooming until severe cold!* Yes, all this must come true or every cent will be returned!

This miracle is possible with an astonishing new development that required years to perfect! It's Flowerama — a "Miracle Carpet" you merely unroll . . . water . . . then sit back and relax as you watch hundreds and hundreds of breathtaking flowers grow. It's so easy to use even a child could do it. There's absolutely no cultivating, transplanting or costly topsoil needed!

Special seeds are carefully placed and spaced in the magic Flowerama carpets so that they sprout up in days. All sensitive seeds encased by the famous patented Filcoat process to protect against abrupt humidity changes and against soil-borne diseases. The active roots grow through the mat deep down into any kind of soil.

This is unquestionably the greatest horticulture development in a thousand years! Now at last everyone can enjoy flourishing flower beds eighteen feet long, a veritable garden paradise for months of each year! Think of it — with three Flowerama "Miracle Carpets" *you can have 54 square feet blazing with colorful flowers . . . with six "Miracle Carpets" you can transform any piece of land 108 square feet into a riot of color . . . and all in just weeks!* Did you ever hear of anything so fantastic in your life?

101 WAYS TO USE IT!

You can place Flowerama practically anywhere! There are 101 places where you can use it — on terraces, around sidewalks, beside fences, driveways to garage, in front yard, back yards, on the sides of your house, all around the house, patio, planter boxes. You can cut it with scissors, place it around trees, in circles, figure eights, in "S" shapes — in fact, grow magnificent flowers in any design or pattern your mind can dream up! You can even have gorgeous flowers — over 100 varieties — up to three feet tall in the shape of your own initials, like "E.B.W.". . . or "M.L.G." right on your front lawn!

With every big carton containing each Flowerama you get a big colorful folder showing all the places where you can use it! Be the first in your neighborhood to have Flowerama! Rush the No-Risk coupon below right now! Dress up your city terrace, your weekend hideaway, your home in the suburbs all Summer long with a profusion of colorful blooming flowers! Flowerama makes an unforgettable gift!

MFG. BY HORTICULTURE INC., N. Y.

LET FLOWERAMA'S "INVISIBLE GARDENER" WORK FOR YOU!

- No seed loss through wind, erosion, birds.
- Seeds professionally spaced for maximum growth.
- Seeds selected for most beautiful effect.
- Eliminates "transplanting shock" that kills many plants.
- Makes it possible to plant flowers on steepest slopes.
- Saves you hours and hours of back-breaking work.

35 YEARS OF TESTING!

The development of amazing Flowerama goes back many years. One of the country's foremost horticulture geniuses and landscape architects — holder of a number of horticulture patents — began experimenting with an exciting new way to grow flowers. Gradual improvement came out of extensive pioneering work on large-scale landscaping jobs on huge estates, camouflage work for the Army and Navy, on highways, parks, airports, FHA housing projects, institutions. Old methods of growing flowers were too costly, too slow, too much was left to chance! A fortune was invested to develop a streamlined, foolproof method where gorgeous flowers in great abundance could be grown almost ANYWHERE regardless of soil structure, chemical composition, etc.

The result was Flowerama — the brilliant development that compresses all the needed nutrients, food elements, trace elements into a special porous organic mat that is self aerating! The choicest seeds are accurately spaced in this ideal "self contained" organic

THE FLOWER BED THAT YOU CAN CUT WITH SCISSORS

It's easy to achieve real professional results. Cut and lay down Flowerama in curving borders, in circular shapes around posts, along driveways, in decorative planters of all sizes and contours.

WOULD YOU SPEND 18¢ A WEEK FOR 18 FEET OF BEAUTIFUL FLOWERS?

Imagine having hundreds of fabulously beautiful flowers — over 100 dazzling varieties — up to three feet tall . . . blooming continuously until the cold Fall weather . . . ALL FOR LESS THAN 18c A WEEK! Yes, now at last for mere pennies everyone can have all the flowers they love. You'll feast your eyes on fabulous ZINNIAS . . . Ortho Polka, new improved peppermint stick with more stripes, immense in size and first introduced in 1958; Super-Giants acclaimed by park superintendents all over U.S.A. You'll be thrilled beyond words about the sensational ASTERS . . . early giant, blooms even under adverse conditions, the first of the giant flowers to do this; also Bouquet, new upright type, two-tone, tightly crested with a white center, and Heart of France, one of the very few true scarlet asters in the world. Wait 'til you see all the almost incredible MARIGOLDS . . . Glitters, just like the giant Chrysanthemums costing many dollars apiece that you see at football games . . . Carnation Marigolds, a new type with odorless foliage . . . Marigolds in stunning shades of gold, golden yellow and cream colors. Watch for the thrilling CALENDULAS . . . "Ray of Sunshine", the only double-crested center available! Marvel at POPPY NUDICAULE, largest flowered variety available in the world today, and CELOSIA TOREADOR, a sensation as gay as a Mexican fiesta. You'll be utterly delighted at CYNOGLOSSUM FIRMAMENT, making possible masses of sky-blue flowers never before possible . . . at the SNAPDRAGON F_1 HYBRIDS in the greatest range of shades ever produced, developed and introduced in the last two years . . . and many, many other charming, true-to-type varieties that only 1959 Flowerama offers you! You don't have to add anything! There's no planting—just unroll it, water . . . and your work is done! You can cut it with scissors — place sections in any position! There never was anything like Flowerama in the entire history of horticulture! Get yours . . . NOW! Rush the coupon below.

growing medium that produces the exact porosity, moisture retention and pH to speed up germination! *As a result, big strong healthy flowers actually bloom THREE TO FIVE WEEKS EARLIER, keep blooming continuously, stay anchored in place!* Not one flower can be uprooted, can wash away, can erode, drift or blow away! No transplanting, no costly top soil or mulching is needed! The plant "activators" are impregnated in the strong mat itself! Here indeed is the greatest flower development of all. Now you can enjoy all the costly flowers you love — see them in full bloom until after the first frost of late October or November . . . or money back!

RESULTS GUARANTEED OR MONEY BACK!

You can prove it yourself! Order one—or any number of Flowerama "Miracle Carpets" at the big savings shown below! Unroll . . . water . . . see hundreds of fabulously beautiful flowers grow out! If you aren't widely enthusiastic, *if you don't have a riot of big prize-winning flowers throughout the growing season . . . your money will be refunded!* Yes, you must see giant flowers up to three feet tall this easy Flowerama way! . . . or money back! Hurry — act now so you can have a magnificent flower garden all Summer long!

IMPORTANT!

Do not be misled by cheap, inferior imitations. Flowerama is an exclusive product, custom created with the utmost of care—thus supplies are strictly limited. Avoid disappointment! Reserve your order today by mailing coupon below. We insure delivery at proper planting time in your area.

Scott Mitchell Nurseries Sales Co.
Dept. FG, 101 West 31st St., New York 1, N. Y.

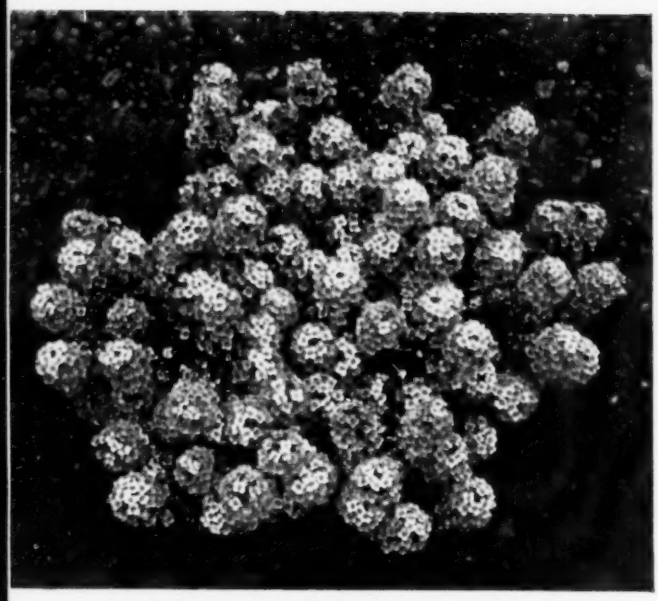
Please send postpaid at proper planting time for my area, the new 1959 Flowerama. I enclose check or money order. (No C.O.D., please). If I am not completely satisfied — if Flowerama does not do everything you say it does, my money will be refunded immediately.

☐ One 18 Sq. Ft. Flowerama Mat @ $4.98
☐ Economy Size, 36 Sq. Ft. @ $9.50
☐ Giant Size, 54 Sq. Ft. @ $13.98

Name _____

Address _____

City _____ Zone _____ State _____



Sweet-alyssum Pink Heather is a new color in this popular annual. Heather-pink flowers are borne on 5-inch plants.

Chrysanthemum Girl Friend bears 4-inch flowers of a bewitching dawn pink. The plants grow 24 to 28-inches high.

Gladiolus Joyous, hybridized by John J. Flad, is a rich deep rose with a deeper rose color at the lip of the petals.

Gladiolus Sparkler, hybridized by Carl Fischer, is a gay yellow and red. Florets are ruffled and triangle shaped.

All-America Winners for 1959

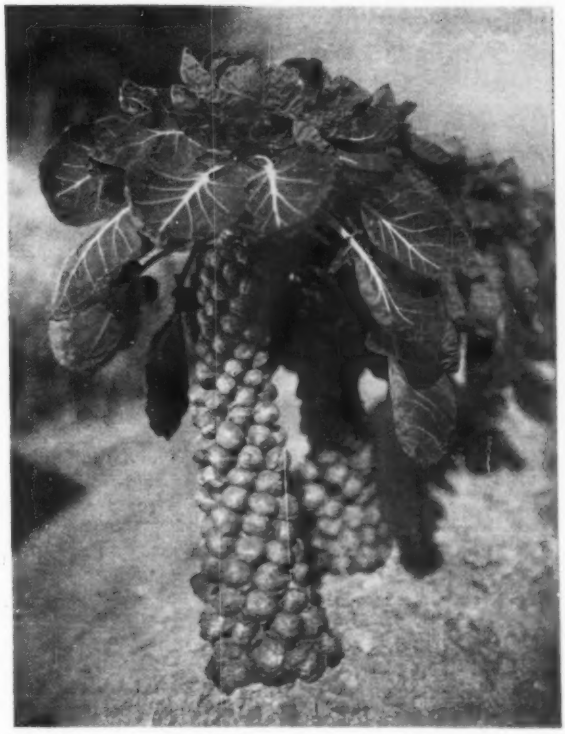
"YOU KEEP REFERRING to All-America winners," writes a FLOWER GROWER reader, "but what makes a plant All-America. Is it something like All-America football players?"

Actually, there is a great similarity between the way a plant and a football player receive the honored title of All-America. In essence, they have both received in a given year, from a panel of experts in areas across the country, the highest number of votes among the official entries. The details of the football selections are best left to the sport enthusiast but every gardener should understand the significance of the All-America horticultural award.

All-America Selections began in 1933 with the purpose of testing and comparing new seed varieties with those already on the market. Almost immediately requests were received to include bulbs and plants, and later separate groups were formed to test camellias, gladiolus, roses and chrysanthemums. Test gardens were set up in various sections of the country. Each year since then entries have been received, entered and planted according to official rules. Plants are observed in flower and out and compared critically with the best-known similar varieties. At the end of the season the judges' votes are compiled and those plants that are considered to have superior merit receive the accolade of All-America.

Of what value is All-America to the home gardener? Briefly, it signifies that a plant, bulb or seed with the All-America emblem can be depended on as the best of its kind or for its purpose at the time of introduction. Too, the home gardener can be assured that All-America Selections are very widely available and at a very moderate price. And, if the past can be taken as a criterion, All-America Selections will continue to be highly valued for many years after their introduction. This is perhaps the highest endorsement that any plant can hope to achieve.

In addition to the flowers shown here, additional 1959 All-America winners are: SWEETHEART camellia, a fully double pink; chrysanthemum FLAIR, double cactus-form flowers of lively lavender; chrysanthemum CRIMSON LADY, rich crimson red double; rose IVORY FASHION, a fragrant ivory-colored floribunda, and rose STARFIRE, grandiflora with bright cherry-red flowers.◈



Brussels sprouts Jade Green is an F_1 hybrid that is uniformly packed with blue-green sprouts of fine flavor.

PHOTOGRAPHS FROM ALL-AMERICA SELECTIONS

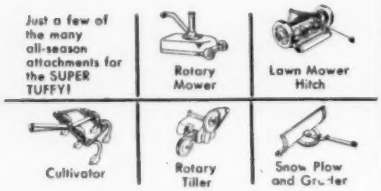
Snapbean Garden Green produces round-podded beans that are stringless, fibreless, tender and of excellent flavor.

The all-season, outdoor power appliance

Planet Jr.®

The sturdy Super Tuffy is a veritable wonder-worker around garden, nursery or small farm. It tills, cultivates, grades, snow-plows and mows the lawn. Super Tuffy is geared low for maximum power, can be operated by practically anyone.

Just a few of the many all-season attachments for the SUPER TUFFY!



Ask about the new Planet Jr. Snow Thrower attachment

New! The Planetiller® Model O. A sensational new garden aid. Prepares an inviting seedbed in one pass. Three hp and 60:1 reduction provide a margin of power and stamina that delivers easy-to-handle, dependable performance season after season. Width of cut adjustable from 8 to 22 inches; with extension tines up to 32 inches. Ask your dealer or fill in the coupon for further information.

... finest in the field for over 85 years

S. L. Allen & Co., Inc.
3449 N. 5th St., Philadelphia 40, Pa.
Please send me full particulars on
☐ Planet Jr. Super Tuffy ☐ Planetiller Model O
Name.....
Address.....
City.....Zone....State.....

Plants Out-of-the-Ordinary

by C. W. WOOD
(Copemish, Michigan)

Monarda Adam: This new monarda (bee-balm) from England is reported to be a most pleasing shade of red and an improvement over the long popular CAMBRIDGE SCARLET. I believe that its color, floriferousness and compactness will satisfy the most exacting monarda enthusiast. Plants are available from Wayside Gardens, Mentor, Ohio.

Dwarf Aster Bonnie Blue: It is easy to see why the dwarf Pacific or Oregon asters are becoming so popular with gardeners. In addition to good colors they have a long blooming season (August until severe frost) and low stature (6 to 15 inches). BONNIE BLUE, from Bristol Nurseries, Bristol, Connecticut, is very apt to enhance the reputation of the entire clan if it behaves elsewhere as it did in our trials. Here, it grew about 8 inches tall with a spread of about 20 inches and the entire plant was covered with a carpet of lovely blue-purple asters. This brief color description cannot convey the lively blue tone that sets it apart from other varieties.

Maurandia Antirrhiniflora: This climbing plant in Field's fall catalog (Henry Field Seed & Nursery Co., Shenandoah, Iowa) intrigues me. I believe it is the same plant which I grew some years ago under the former name *Antirrhinum antirriniflorum*. It grows outdoors from Texas to California but should also make a fine vine for growing indoors. Flowers resemble snapdragons (to which maurandia is closely related) and are a pleasing violet color. If potted in good soil and grown in a sunny window with a night temperature of 50° to 55° it should give the gardener no trouble and a lot of pleasure.

Wax Bean Choctaw: The yellow-podded bean CHOCTAW, a 1958 All-America Selection, certainly deserves that distinction. As you no doubt know, wax beans are generally noted for superior flavor and CHOCTAW upholds that tradition. It is round-podded, an attractive golden color and yields more heavily than any wax bean that I know. Most seedsmen list CHOCTAW; last year I ordered from Vaughan's, 10 W. Randolph Street, Chicago 1, Illinois.

Lettuce Ruby: A friend of this column asked for an opinion on the

Special Introductory Offer!

Famous Brownell Pillars . . . magnificent climbers, bloom like hybrid teas! Blooms 4" to 5" across, from June thru November.

SUB-ZERO Pillars . . . reg. 3 for $10.

SPECIAL: 3 plants, choose color, Postpaid, no C.O.D.'s please. **$8**

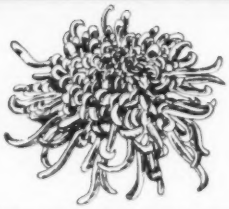
BROWNELL SUB-ZERO ROSES

Hybrid Teas . . . unsurpassed in beauty and fragrance . . . developed for sturdiness and resistance to disease. Also gorgeous Floribunda, Grandiflora, Climbing and Tree Roses. Order early . . . we have never had enough!

Write for Free Catalog of Over 75 Varieties!

Walter D. Brownell JR.
Brightridge Ave., East Providence 14, R. I.

CHRYSANTHEMUMS PERENNIALS



WRITE FOR FREE CATALOGUE

DAVID L. NORVELL GREENHOUSES
E. 2529 W. ALTAMONT BLVD.
SPOKANE 32, WASHINGTON

New Flowers In Pictures

Unusual Flowers from Far Places illustrated and interestingly described. Catalog of Seeds-Bulbs-Plants, on request, Dept. Z. Visitors welcome at Nursery.

PEARCE SEED CO. MOORESTOWN NEW JERSEY

African Violets

Tinari GREENHOUSES

NEW INTRODUCTIONS OF '59 from

PATTI ANNE—Variegated blue and white, beautiful girl foliage. $1.25 ea.

PARASOL BLUE—Dainty light blue fringed blossom. $1.00 ea.

PINK SOMBRERO—Rounded petal, true pink double flowering. $1.25 ea.

PURPLE POM POM—Double flowering dark lav. purple edged in chartreuse. $1.25 ea.

WHITE MONACO—Heavy flowering double white, shiny green leaf. $1.25 ea.

RECENT POPULAR VARIETIES AT NEW LOWER GROWER PRICES

Geneva, Wonder, Kimberly, Fringed Pom Pom, My Sin, Star Gazer, Red Glow $1.25 ea.

Angel Lace, Bernice, Blue Tango, Clarissa Harris, Cydonia, Helen Van Pelt Wilson, Pink Fog, Pink Geneva, Pink Petticoats, Pink Puff, Monaco Pink, St. Louis, White Pride, Wine Velvet, White Tango, $1.00 ea.

All above varieties and many others shown in glorious living color in our new 1959 catalog. Free!

All Plant orders of $3.75 or less add 45c postal charges over add 65c west of Mississippi add 85c

TINARI GREENHOUSES, Dept. 3, Bethayres, Pa.

virtues of lettuce RUBY, a 1958 All-America Selection. In my opinion it deserves a place in the home garden seed list when a red-leaved variety is desired. Red lettuce is very attractive in salads. And RUBY retains its redness even during the hottest weather, something which cannot be said for BRONZE BEAUTY and EARLY PRIZEHEAD, its closest competitors for color. If my eyes see correctly and my palate registers truly, I would choose RUBY for lasting good looks and EARLY PRIZEHEAD for highest quality. The name of the latter is misleading because it is a loose-leaf variety rather than a producer of heads. Both varieties are listed by W. Atlee Burpee, Philadelphia 32, Pennsylvania.

Sweet Potato Bunch Porto Rico: Gardeners with limited space do not grow sweet potatoes because the plants take up so much space; gardeners in the North do not grow them because their season is not long enough. The new variety, BUNCH PORTO RICO, may be the answer to both these problems if its behavior continues to live up to its reputation and its record in our trials for one year. Instead of the far-ranging vines of the parent PORTO RICO, the new variety is quite upright in growth which makes it possible to grow it in limited quarters. It matures almost three weeks ahead of PORTO RICO and has the sweet orange flesh of the parent. L. L. Olds Seed Co., Madison 1, Wisconsin, lists it.

Ajuga Pyramidale: It is heartening to see that ajuga is commencing to get some of the recognition its many good features deserve. PYRAMIDALE, a new variety, has made a very favorable impression on me. Large, indigo blue flowers on 10-inch stems are produced over a long season above low mats of pretty leaves. Plants are available from Inter-State Nurseries, Hamburg, Iowa.

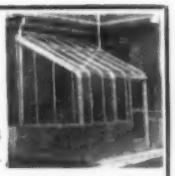
Sweet William Wee Willie: There have been so-called annual sweet Williams but never has one I have grown deserved to be called an annual as much as WEE WILLIE. In our trials most plants bloomed within two months after sowing and continued until frost. Plants bore flowers in all the usual shades seen in standard varieties of sweet William. According to my notes, we had one plant which commenced to bloom in six weeks when 2 inches high and I understand that in warmer climates early blooming is common. Most satisfactory results follow planting seeds in early spring directly where they are to flower rather than transplanting seedlings. Seeds are listed by most large seed concerns, including George W. Park Seed Co., Greenwood, South Carolina.◈

CHRYSANTHEMUM CATALOG

Write for our most complete colorfully illustrated 52 page 1959 catalog listing all Prize-Winning Chrysanthemums including new outstanding introductions and imports.

SUNNYSLOPE GARDENS
8647 Huntington Drive San Gabriel, Calif.

Mor-lite **ALUMINUM GREENHOUSE**



LOW IN COST — SIZES TO FIT YOUR NEEDS

Grow stronger, sturdier plants, brighter flowers, tastier vegetables with a MOR-LITE Greenhouse.

Write for complete details today!

Mor-lite **Greenhouse Company, Inc.**
4229 Spring Grove Ave., Cincinnati 23, Ohio

NEW FROM P & D

BEAUTIFUL

Bellina

...BELLE OF THE NEW FLORIBUNDAS

Peach-pink clusters of continuous bloom grace lovely little Bellina... newest origination of Gordon J. Von Abrams. Small, perfectly formed buds and flowers adorn a low, compact bush especially suited to border plantings. (PAF)

OFFER B.....$2.50 each, 3 for $6.60

FAMOUS P & D INTRODUCTIONS

OREGON CENTENNIAL (PAF) New crimson-red hybrid tea...**OFFER A** $3.00 ea., 3 for $7.80
PINK FAVORITE (Pat. 1523) Highest rated pink hybrid tea...**OFFER C** $2.50 ea., 3 for $6.60
BURNABY (Pat. 1522) Light yellow hybrid tea. Rated 8.0.....**OFFER D** $2.50 ea., 3 for $6.60
COMBINATION OFFER—one each Bellina, Oregon Centennial, Burnaby and Pink Favorite —a catalog value of $10.50.....**OFFER E**, all four, only $9.20

Peterson & Dering
ROSE GROWERS
SCAPPOOSE OREGON

Oregon's Best Source of Good Roses

LEADING ROSE DEALERS SELL P & D ROSES

PETERSON & DERING Enclosed_____
Box 475-F, Scappoose, Oregon

Please send me the following at proper planting time:
Offer "A" ☐ Offer "B" ☐ Offer "C" ☐ Offer "D" ☐
Combination Offer "E" ☐ FREE 1959 Rose Brochure ☐

Name_____

Address_____

City_____ Zone_____ State_____

VEGETABLES— growing them is more fun than work

by JEAN HERSEY

MY INTRODUCTION TO A WHOLE NEW WAY OF GARDENING and to a vegetable garden that grows alone occurred on a June morning when my neighbor called on the phone.

"I just ordered you spoiled hay," she cheerfully exclaimed, "five bales—only sixty-five cents a bale—knew you'd want some and luckily the man had some left."

My neighbor has a way of knowing where wild strawberries grow the sweetest in June and where fringed gentian is the bluest in October. I always listen to her.

But spoiled hay—this was a totally new thought! How lucky would my husband think we were, even at sixty-five cents a bale? He takes a dim view of some of my horticultural vagaries!

And now I shall tell you all—beginning at the beginning and running to the end—the end of the season, that is, because there is no end to a vegetable garden ever. Each year the project is new and exciting all over again.

We are a family of two (our grown children return only for visits). Our vegetable garden covers 660 square feet or the equivalent of 22 feet by 30 feet. Our goals are: From the first radish in May to the last parsnip in November, to grow a great

TURN TO PAGE 70

Jean Hersey, who lists her favorite vegetables in the chart at the right, gardens with her husband on five acres in Westport, Connecticut. The Herseys love to travel and Jean takes photographs and makes extensive notes which she uses in her lectures to garden clubs about the country. Besides their outdoor gardens, a greenhouse of orchids gives pleasure all year.

Vegetable	Varieties
Bean, Green Bush	Tendergreen
Bean, Yellow Bush	Pencil Pod Wax
Bean, Pole	Kentucky Wonder
Bean, Pole Lima	King Of The Garden
Beet	Detroit Red
Broccoli	Italian Green Sprouting Green Bud
Carrot	Tendersweet
Cauliflower	Snow Imperial
Chard	Fordhook Giant
Corn	Golden Cross Bantam
Cucumber	Markster F_1 Hybrid
Eggplant	New Hampshire Hybrid
Lettuce	Great Lakes Salad Bowl Oak Leaf
Parsnip	All-America
Pea	Lincoln
Pea, Edible Pod	Dwarf Gray
Pepper	Penuwonder
Radish	Cherry Belle
Spinach	American New Zealand
Squash	Cocozelle Buttercup Golden Crookneck
Tomato	Red Cherry Pink Ponderosa Big Boy

Planting Time	Days to Mature	Amount	Notes and Suggestions
Sow after danger of frost is past—generally mid-May	56	1 packet—12-foot row	Plant bean seeds in a trench that is 4 inches wide and 1½ inches deep. Space seeds about 2 inches apart. Repeat sowing in two weeks and make at least one sowing in early fall for a late crop.
Sow after danger of frost is past—generally mid-May	54	1 packet—12-foot row	Plant bean seeds in a trench that is 4 inches wide and 1½ inches deep. Space seeds about 2 inches apart. Repeat sowing in two weeks and make at least one sowing in early fall for a late crop.
Sow after danger of frost is past—generally mid-May	65	1 packet—12-foot row	A 10-foot row of pole beans supported on poles is plenty for eating during the season as well as for freezing. A sheet placed over the plants on frosty fall nights prolongs the yield.
Sow when soil has warmed—generally in late May	88	1 packet—10-foot row of 5 poles	For earliest crop of lima beans start seed under Hotkaps. Plant six seeds to a pole and thin to leave three plants. Place poles when sowing seed. Plants will continue to bear until frost.
Sow seed early—generally in April	59	1 packet—15-foot row	Beets need full sun to grow properly. Thin plants when about 3 inches high so that plants are 2 to 4 inches apart. Young greens are delicious when cooked as spinach.
Buy plants; set under Hotkaps in mid-May	60	1 packet—4 to 6 plants feeds family	The more you pick broccoli, the more the same plant produces. Pick when buds are solid, tight and young. After flowers open flavor and tenderness are lost. Plants are frost tolerant; often bear into November.
Sow seed as soon as soil can be worked in early spring	75	1 packet—15-foot row	Carrots grow best in soil that is relatively free from stones. Plant in full sun. Thin plants to stand 3 inches apart. Start to harvest when carrots are small and continue throughout the season.
Buy plants in mid-May. Sow seeds in March in cold frame	60	1 packet—10-foot row	When heads near maturity, tie leaves together over the top to blanch the heads. Uncooked cauliflower is delicious and adds interesting variety to salads. Cauliflower can be frozen.
Sow seed outdoors in early April	60	1 packet—12-foot row	Thin the young plants to stand 6 inches apart. Harvest the outer leaves and new ones will continue to be produced from the center of the plant. Plants produce well in hot weather. Chard can be frozen.
Sow seed in early May after danger of frost is past	85	2 packets—20-foot row	Plant seed every two weeks until August to assure a succession of good eating. Sow eight seeds to a hill and thin to four plants. Space hills 2 feet apart. Corn is delicious frozen if harvested when young.
Sow seeds in hills after danger of frost is past	60	1 packet enough for family	Two hills of cucumbers are enough for our family and friends. Do not yank cucumbers from vine but cut from the plant with a small part of the stem attached to the cucumber. Start harvesting when small.
Buy plants in mid-May. Sow seeds early in heated frame	68	1 packet—or 6 plants	For a special delicacy eat eggplant when fruit is the size of a beet. Pick when skin has attained a high gloss. Keep fruits picked off as they mature and plants should continue to bear until frost.
Sow early in cold frame; later in garden or buy plants	90 45 40	1 packet of each variety	Lettuce heads make a charming edging for the vegetable garden or along a path through the garden. Lettuce grows best during cool weather; however, many varieties tolerate hot weathr so consult catalogs for selection.
Sow in early March as soon as soil can be worked	95	1 packet—12-foot row	Parsnips should not be dug until after several frosts as cold seems to add to their sweetness. Roots may be left in ground and harvested during winter or even in spring.
Sow seed in March as soon as soil can be worked	55	½ pound—20-foot double row	For the double trench method make two 3-inch-wide trenches 8 inches apart; leave 8 feet of space and make two more trenches 8 inches apart. Repeat planting in early fall for a late crop.
Sow seed in March as soon as soil can be worked	65	½ pound—20-foot double row	Sow seeds in trenches same as above. Pick pods and peas when very young. Peas can be cooked in the pod. When young the pods are tender, stringless and sweet.
Buy plants in May or sow seed in cold frame in March	70	1 packet or about 15 plants	Buy plants when possible for earlier crop. Set plants under Hotkaps for a few weeks to hasten growth. Peppers can be cut into strips and frozen for use in soups and salads.
Sow seed early—generally in April or even in March	22	1 packet—15-foot row	The important point to remember in growing radishes is to sow the seed early. They must have cool weather to grow properly. Make a late sowing one month before expected frost date.
Sow seed early directly in garden	50 70	2 packets—12-foot row	Thin plants to 3 inchs apart. Pick when young and eat raw in salads. If you freeze spinach, cook first but only long enough to wilt leaves.
Sow seed in mid-May. Place in hills under Hotkaps	60 105 40	1 packet enough for family	For a brand new flavor treat, pick and cook COCOZELLE when 1 inch long. Try BUTTERCUP this way: cut into pieces and boil with skin on; scoop out, and add butter. Eat CROOKNECK very young for special flavor.
Buy plants in May or sow seed in cold frame in March	80 83 78	1 packet each variety or 6 plants of each	Tomatoes, besides being a valuable source of vitamin C, are indispensable for making relishes. Mulch plants heavily and watch them grow and bear heavy crops of delicious fruit.

FERTO-POTS

Plant 'EATS' Pot

THE FAMOUS FERTO POT is rich in hard-to-get rotted cow manure. Pots made in automatic pot machines and kiln dried. Start your seeds, seedling plants, bulbs, rooted cuttings in **FERTO POTS** as thousands of gardeners do each year. When transplanted outdoors pot and all goes in the ground. No wilt; no setback. Pots soften up in the moist soil and feed the growing plants. Also amazing results reported as liners inside clay pots for growing African Violets. **FERTO POTS** have been used for years by professional grower and home gardener alike. Millions sold. **Accept no substitutes.** Shipment by express (not prepaid) at following prices:

No. 2s	250-$5.00	500-$9.75	1,000-$18.75
No. 2½s	250-$5.75	500-$10.50	1,000-$20.50
No. 3s	250-$6.25	500-$11.50	1,000-$22.00

(Also optional in a smaller 100 pack by ppost, anywhere in the USA as follows: No. 2s-$3.75; No. 2½s-$4.25; No. 3s-$5.00)
Delighted gardeners reorder and write: "They are **WONDERFUL.**" Order your **FERTO POTS** now and get an early start. Address:

FARGO'S

(Since 1903) Dept. 3, Frenchtown, N. J.

BEST BUY as recommended for the average home gardener is the 250 pack. Approx. shipg. wts. 12 lbs., — 19 lbs., — 29 lbs. Pots keep perfectly for years or until used.

In the handy, sift-proof cut-and-pour packages.

Hoffman

PLANT FOODS
and Soil Conditioners

At chain, hardware and garden stores.

COW MANURE • SHEEP MANURE
PEAT MOSS • HYPER HUMUS
ROSE FOOD • BONE MEAL • LIME
VERMICULITE • AZALEA FOOD

2 Bushels of Ripe TOMATOES from ONE VINE

One packet of this sensational Tomato grown right in your own garden, will produce enough fruit for the average family.

New BURGESS CLIMBING
TRIP-L-CROP

TOMATO grows 10 to 18 ft. high on trellis or side of building. Huge, meaty, delicious fruits, weigh up to 2 lbs. Wonderful flavor. Awarded Agricultural Research Foundation "Seal of Approval".

INTRODUCTORY OFFER: TRIAL PACKET 3 PACKETS FOR 25c 10¢

FREE Garden Guide Catalog of famous "BLIZZARD BELT" Seeds, Bulbs and Plants.

BURGESS SEED & PLANT CO.
329-W Galesburg, Mich.

variety of very superior vegetables; to share these with friends; to freeze some; and to have a vegetable garden that is more fun than work!

We like going to dinner at a friend's home with a lovely crookneck squash in hand, a fine ripe cucumber or a half dozen ears of corn. If we began to eat our frozen produce in October we'd have enough to last until Christmas. But we don't. Rather, we stretch them all through winter.

Our vegetable garden is more fun than work and less effort is involved each year as the mulch deepens. We never spade it up any more and can't cultivate it because of the alternating layers of hay and manure! We no longer need spoiled hay because we have our newly cut fields raked up into two large haystacks when they're mowed in August. These provide mulch for a year.

If you haven't a field, spoiled hay from a farmer is excellent, inexpensive and usually available wherever there is a cow. It is clean and dry but not quite suitable for livestock feeding because it got wet during harvest. For the garden it is perfect, for as it decomposes it increases the organic matter in the soil. Eight dollars' worth will deeply mulch an area 22 feet by 30 feet. In our vegetable garden the soil is never visible. At first, being a lover of rich black earth, I missed seeing it freshly cultivated, but now I am satisfied to know it is there, down under.

You don't acquire a mulch garden overnight but ease into one over a period of several years. We're still easing, greatly helped along by seeing Ruth Stout's long-established mulch garden at Redding Ridge, Connecticut, and reading her excellent book *How To Have A Green Thumb Without An Aching Back* (Exposition Press, 1955, $2.75).

Our garden lies in full sun with a slight slope southward. Eight years of cultivating and fertilizing this Connecticut field have improved it, and now with mulch we feel the sky is the limit as to its potential.

It was early July of a drought summer when the five bales of spoiled hay arrived. To my delight and surprise my husband was intrigued with the whole idea—you never can tell about a man! We promptly piled it 8 inches deep around the necks of the 2-foot-high corn stalks. In August when corn elsewhere was curling and discouraged ours looked healthy and ripened normally.

We did have some ear worms on the corn that year and plenty of aphids on the broccoli. But the following season no ear worms, no aphids. This followed the theory behind mulching—a healthy plant is less susceptible to infection, and mulched plants are stronger due to many factors. Regardless of drought, moisture is always present, keeping nutrients ever available to plant roots; bacterial action goes on at a fast rate; and worms, the gardener's great friend, abound.

Annually sometime during the winter we buy three yards of cow manure. This is delivered directly to the vegetable garden. In the spring it is spread. We are always spreading more hay and more manure in sandwiches.

Another angle of mulching—your compost pile is no longer a separate entity. Never again the dire announcement—"now is the time to turn over the compost." The compost never needs turning nor spreading on the garden. It is already there. It just quietly rots in the spot where you put it, under a snug blanket of hay. Save, in a covered plastic pail, all vegetable greens from the kitchen. How benevolent you feel as you tuck them under the mulch—like dirt under the rug, only you aren't being a lazy mortal but doing a good deed.

So now it is early spring, and seeding time. You can get a head start in March in a cold frame with seeds of tomatoes, peppers, broccoli, lettuce, eggplant, et cetera. Or come May you can buy small plants of these. Set under Hotkaps, they hurry along.

Plan for your tall crops on the north end of the garden—corn, pole beans, KENTUCKY WONDER beans. The low crops on the south—beets, carrots, radishes, peas, et cetera. Run rows north and south. To save space and increase yield drop seeds of beets, carrots, parsnips and peas in a 3- or 4-inch-wide trench instead of a single row.

Since you are planting vegetables for your own use there is real excitement in eating them as soon as possible. Take a chance on early

outdoor sowing. Even if you have to sow some seeds over again, it is still worth it.

Sowing seed in a mulched garden is different from regular planting. After all, here you are walking along on bouncy hay, thick as a mattress, seeds in hand; how, you wonder, do you get at the earth inches down! Actually, by spring last year's mulch has packed until the earth is only 3 inches down.

Mark a straight row with string; then, using a four-pronged cultivator part the mulch along this line. There beneath is the fine rich soil ready for seeding. (If winter has been long and cold, expose the soil in the rows to sun a week or so ahead of planting.) Loosen the exposed soil with a small trowel or scratcher. The soil is soft and friable. No need to spade deeply here. Sow seeds according to depth required, cover, press firmly. As seedlings grow, loosen earth around them slightly. After young plants are thinned, and as they grow tall and sturdy during May and June, gently draw more and more mulch around their necks. By July it can be 2 or 3 inches deep on low crops and 6 to 8 inches deep on tall crops.

Besides the hay you can use all grass clippings and weeds from other parts of the garden. A few weeds will grow through the mulch but these are easily pulled.

Add to the mulch all vegetable foliage from plants that have finished bearing. As you strip each cornstalk of its last ear, cut stalk with pruners into three pieces and drop them. Even though thick they will decompose. When the last of the corn is gone the stalks are too.

While building up your mulch the first few years you may find you need additional fertilizer. Cottonseed meal is fine for most vegetables, especially corn.

The only care a mulched garden needs is a little more mulch when and as the spirit prompts. Peas need no staking. Mulch holds them up.

No watering is required, no serious hoeing—merely a bit of soil scratching when plants are small. The rest of the summer the worms under the mulch cheerfully and skillfully agitate the earth in a way that just suits a plant. You may as well take to the hammock.

Before we learned to mulch we wondered which parts of the vegetable garden to grass over because, come August when the beach issues its irresistible invitation, the garden got neglected. Now since mulching we are ready to extend.

Mulch or not, the joys of raising your own vegetables, whether you grow all you eat for the season or just a few favorites, are limitless. You can enjoy varieties that are especially delicious and tender but perhaps do not bear shipping so are seldom found in the markets. You can pick your own vegetables young —I mean *really young:* string beans 2 to 3 inches long, so sweet and tender; peas small and sugary; beets 1½ inches in diameter. How delectably different are all these in flavor!

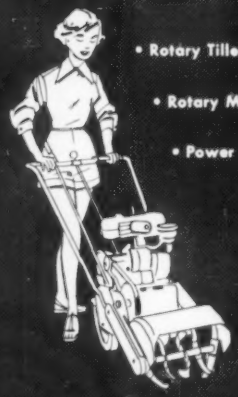
I want to pass along our special way of cooking string beans. Slice them into ¼- to ½-inch pieces. Start them cooking in 1 inch of cold water. Let boil 4 to 6 minutes, watching and giving more water if necessary. The goal is to have all water boiled away when they are done—then you get all the minerals instead of their going down the drain. Try having them a bit on the underdone side. Add butter just before you remove them from the stove, and serve immediately. They are bright green—and such flavor!

Each time you have beans for dinner or any vegetable, cook some extra to freeze at the end of the meal. Being already cooked it is so simple merely to thaw and heat. Doing a little at a time is always pleasant. There never need be any great freezing project in the household, and yet at the end of the season you will have accumulated a great number of little packages of home produce in the freezer—promises of many garden-fresh winter meals. And all are as delicious as that first night when they were less than an hour out of the garden.

How convenient to walk out in the garden at six o'clock into the end-of-day silences and scents, and harvest dinner. How pleasant to pause and consider, as you stand breathing in the distant fragrance of sweet pepper—what'll it be tonight? String beans, squash, corn, tomatoes? Probably some of everything!

A feast for a King, a Queen and the whole Royal Family!◈

Save work with the multi-purpose ARIENS YARDSTER



• Rotary Tiller
• Rotary Mower
• Power Sprayer

This compact, powerful "GARD-N-YARD" tool does all tilling jobs — tills 12" wide, up to 6" deep . . . and with interchangeable 20" rotary mower and 5 gal. power sprayer makes garden, yard and lawn care easy! 2¼ h.p., self-propelled with 2-speed wheel drive — merely guide it! All-steel construction. Priced amazingly low!

Only Ariens makes a complete line of tillers!

ARIENS JET . . . low priced tiller for home gardeners. All-steel tines till 8" to 20". Built for dependable service!

ARIENS MULTI-MATIC . . . 16" tiller for professional gardeners. 4 h.p. engine.

ARIENS TRANS-A-MATIC . . . for heavy duty tilling. Big, powerful 9 h.p. and 16.5 h.p. models.

ARIENS IMPERIAL . . . most dependable riding mower made for home and professional use. 26" cutting width. Fingertip controls, tip-toe clutch and brake.

For full details see your dealer or write:

Ariens

Ariens Company
137 Calumet Street, Brillion, Wisconsin

From the new book *Easy Ways To A Beautiful Garden* by Ruth Gannon, FLOWER GROWER brings you this excerpt of the chapter on perennials. Published by Studio Publications and Viking Press

COPYRIGHT 1959 BY RUTH GANNON

Perennial Garden? EASY

PERENNIALS ARE LABOR AND MONEY SAVERS in that the majority of them will increase in size and beauty in the same place for three or four years. However, it is a mistake to think that once a perennial border is planted, your work is over and done with forever. Perennials should be lifted, divided and replanted every few years; otherwise plants become overcrowded, do not flower well, and are more susceptible to pests and diseases. There are exceptions, however.

Different kinds of perennials need different handling. The peony, for instance, resents disturbance and will grow successfully in the same spot for ages. Other flowers, like the chrysanthemum, will do better if divided every year.

Among the perennials you will find plants to fill every need—tall ones for the back of the border, medium heights for the center, lower-growing flowers for the foreground and very low types suitable for edgings. Ninety-seven perennials are listed in one current catalogue. Consider that many of these come in different colors, forms, and sizes, and you will realize how wide your choice actually is. From a practical standpoint, however, only comparatively few may suit your needs. An important factor in any successful garden is one of elimination. For example, you simply can't grow every kind of phlox in a large garden, much less in a small one. Therefore, be discriminating about the colors, and choose types which will carry your garden through the blooming season. Never buy just one of this kind and one of that or your flower bed will be a hodgepodge.

All-Perennial Border

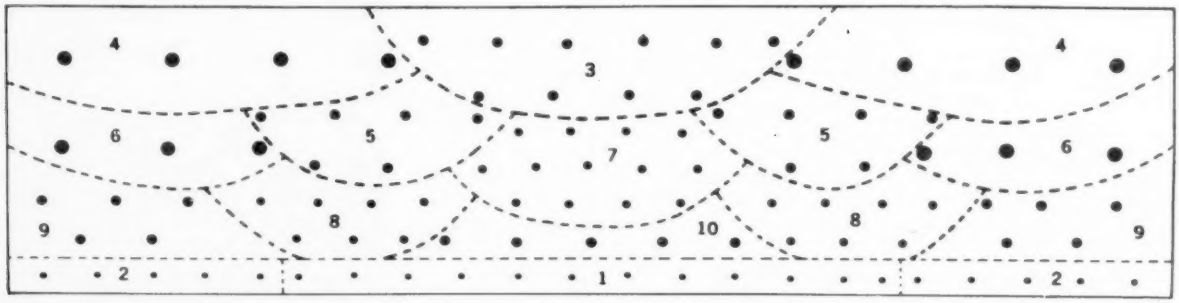
Name	Color	No. of Plants
1. Hardy Aster Bonnie Blue	blue	12
2. Hardy Aster Persian Rose	rose	10
3. Lythrum Morden's Pink	pink	10
4. Day-lily Hyperion	yellow	8
5. Siberian Iris Caesar's Brother	blue	12
6. Bearded Iris New Snow (3 rhizomes to a clump)	white	6
7. Phlox Sir John Falstaff	salmon	13
8. Veronica Blue Peter	blue	14
9. Chrysanthemum Tranquility	yellow	10
10. Astilbe Deutschland	white	5

PEONY

The great popularity of the peony is easy to understand. Few perennials are as beautiful, as dependable, or as long-lived. Massive single, double, or semi-double blooms are produced in abundance in June. The flowers come in pure white; white tinged with color; pale, medium, or dark pink; and in tones of red. The attractive foliage remains in good condition all season, turning from green to bronze in the autumn. Even a few plants are effective as accents in a garden and when massed along a fence; a row of them in bloom is breathtaking.

Ruth Gannon, Woodbury, Conn., writes and lectures on arranging and house plants. Two recent books are New Ways With Dried Flowers; Decorating With House Plants. *Besides gardening she loves to travel and cook.*

Size 16 feet by 4 feet: Scale ½ inch equals 1 foot



Peonies are generally planted from mid-August to late September. However, if bought from reliable growers who have dug them up in the fall and stored them under proper conditions, they may also be planted in the spring. Allow 2 feet of space for each plant. If you plant them in the spring, be sure that the roots do not dry out before they are covered with earth. In the late fall cut off all stems and foliage at ground level.

ASTILBE (Spirea)

For the middle foreground of a border, astilbe is both practical and beautiful. Not only are masses of colorful spikes produced in June and early July, but the foliage itself is very decorative and remains so after the flowers have passed. Astilbe can be planted either in spring or fall, and should have a deep, rich soil capable of holding moisture. It increases in size rapidly, so be sure to space plants at least 1 foot apart. Astilbe is one of the comparatively few perennials which will flower in light shade as well as in sun. It is available in white, pink, rose and red, and will be found easy to grow. Divide clumps every third or fourth year.

PHLOX

Phlox, often called the mainstay of the summer border, is one of the easiest and hardiest perennials to grow. A far cry from the old-fashioned magenta tones are the exquisite new tints in which phlox is available today—from pink through salmon, red, blue, and violet, as well as white. The flower's requirements are simple —well-drained soil and full sun. Phlox is a gross feeder, so sprinkle a trowel full of 5-10-5 or other complete fertilizer around each plant in the spring. Set plants at least 10 inches apart to allow for good air circulation. Phlox increases in size rapidly, and the clumps should be lifted and divided every three or four years. If you clip off the flower heads as soon as they have faded you will be rewarded with second bloom on the earlier-flowering varieties and you will also prevent seeds from germinating. These self-sown seedlings usually do not come true to color and for this reason some people believe that hybrid phlox reverts to magenta. This is not true; however, self-sown seedlings are often so vigorous that they crowd out their hybrid parents.

For the most rewarding picture in your garden, use phlox in groups of three plants of one color. Some of the red tones can clash badly with the pinks or salmon pinks. So decide what kinds appeal to you most and then plant them in groups of three. There are several fine varieties of white phlox, and nothing looks cooler on a hot summer day than white flowers. So plan to include at least one or two clumps of white. The recent English introduction, SIR JOHN FALSTAFF, is one of the most spectacular varieties. The flower heads are huge and the individual flowers, 2 inches in diameter, are a beautiful tone of salmon pink. It is one of the longest-lasting phlox, remaining in good condition five weeks or more. If flowers are cut off it blooms again early in September. The plant is vigorous and the foliage a lustrous dark green. Truly a beauty!

DAY-LILIES (Hemerocallis)

Day-lilies today have been enormously improved by the hybridizers. They will grow and even bloom under adverse conditions. Naturally, however, they respond with more flowers when treated to a good soil and fertilizer. They are available in pale yellow, orange, pastels, rose, and maroon shades; and their period of bloom differs so that it is easy to have an abundance of flowers from June to September. They will bloom not only in the sun but in partial shade as well and are sturdy and more or less immune to pests.

Day-lilies may be planted during the spring or early fall and should be 1 to 2 feet apart. To insure good blooms, lift, divide and replant them every third year. A border composed of day-lilies alone in different varieties can be a glorious sight for several months. They spread rather rapidly so it is best not to plant them too close to other perennials.

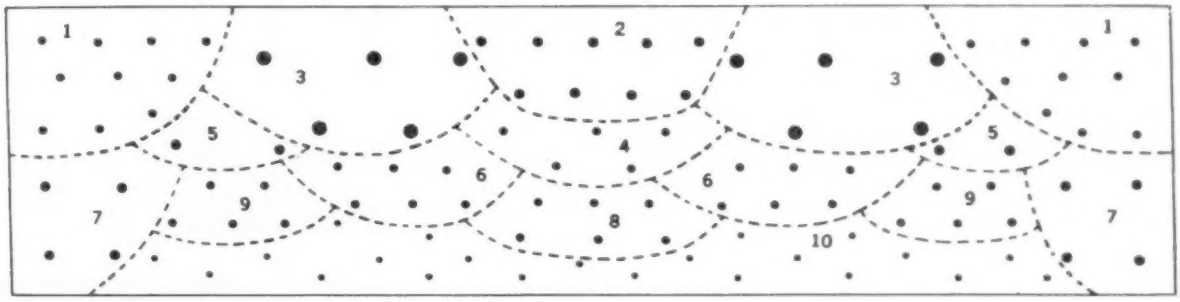
VERONICA (Speedwell)

Veronicas make a charming addition to any garden. Their gay spikes of blue, rose, pink, or white blossoms

Perennial and Annual Border

Name	Color	No. of Plants
1. Phlox Katherine	blue	20
2. Phlox Columbia	pink	9
3. Perennial Aster Plenty	violet	10
4. Siberian Iris Snowcrest	white	5
5. Bearded Iris Blue Rhythm (3 rhizomes to a clump)	blue	4
6. Snapdragon Bertha Bauer	lavender	12
7. Chrysanthemum Yellow Spoon	yellow	8
8. Petunia Prima Donna	rose-pink	6
9. Petunia Blue Lace	blue	10
10. Ageratum Blue Mink	blue	22

Size 16 feet by 4 feet: Scale ½ inch equals 1 foot



DIGS • WEEDS • CULTIVATES
Brown
Electro-Hoe
FITS YOUR ¼" DRILL
ONLY $16.95
Takes work out of gardening—leaves just the fun! Self-propelled *Electro-Hoe* digs, weeds, cultivates in fraction of time and effort. Mixes in peat moss, soil conditioners, etc. Makes furrows for bulbs, seeds. Easily attaches to any popular ¼-inch electric drill. New low price!
Ask your hardware, auto supply or gardening shop. Or order direct.
W. R. BROWN CORP.
2681 N. Normandy Ave.
Chicago 35, Ill.

HERE AT LAST!
Created In Our Lady's Honor To Commemorate The Centennial Year
STERN'S EVERBLOOMING GOLDEN YELLOW
Lourdes Rose
(patent pending)
Magnificent golden yellow color!
Here is a new and truly glorious rose with golden yellow petals, perfect shape, huge size, delicate scent! Unique, matchless, developed exclusively for Stern's by the late great rosarian, Dr. W. Brownell, to commemorate the Centenary of the appearance of Our Lady to Bernadette at Lourdes.
LIFETIME BEAUTY AND SIGNIFICANCE
Lovely buds open out to 4" to 6" wide golden yellow roses! Form long-lasting, fully double, many-petaled roses from early spring to first snow! Bush reaches peak, 4' to 6' tall, in 4th or 5th season, blooms a lifetime. Ideal for cutting. You'll have dozens this year! Often 100 on a 4-year bush! Armfuls year after year!
RESIST COLD, HEAT, DISEASE!
The Lourdes Ever-blooming Sub-Zero Rose is so hardy, cold 15° below zero can't harm it, even when unprotected. Blooms through scorching heat, drought! Disease-resistant foliage almost immune to black-spot; needs minimum spraying. Plant 3' apart; easy planting instructions with order.
SO RARE, SUPPLY EXTREMELY LIMITED!
So new, not available in quantity. First come, first served. Send coupon NOW!
BLOOM IN 60 DAYS OR MONEY BACK!
Super-grade Selected No. 1 plants. Your satisfaction guaranteed, unconditionally, for 5 full years. You must be satisfied, or get free replacement or money back!
$2.50 each • 3 for $7.25 • 10 for $22.50 • 25 for $50.00
All prices postpaid. Send check or money order.
Stern's Nurseries
ARBOR G, GENEVA, NEW YORK
RUSH COUPON TODAY!
Stern's Nurseries, Arbor G, Geneva, N. Y.
Send me ..... golden yellow Lourdes rose bushes, at the proper spring planting time in my area.
☐ $2.50 ea. ☐ 3 for $7.25
☐ 10 for $22.50 ☐ 25 for $50.00
Prices postpaid. Total enclosed: $.....
Name.....
Address.....
City.....State.....

flower continuously from July until September if you cut the flowers off promptly as they fade. They look best planted in masses of one color and are ideal for the middle foreground of a border. Use three plants of one color together for effective masses.

These perennials need a sunny location and ordinary garden soil. No pests seem to bother them. Plant 8 inches apart, in either spring or fall.

GLOBE-THISTLE (Echinops)

A few plants of the stately globe-thistle with its globular blue flowers and dark green pinnate foliage (silver underneath) add contrast and great distinction to a summer border. They are of the easiest culture, thoroughly hardy, and pest-free; they will bloom either in full sun or light shade. The plant grows from 4 to 5 feet high and looks particularly attractive when interplanted with phlox. If flowers are cut off as soon as they fade, more blossoms will appear early in the fall. Plant 12 inches apart in spring or fall.

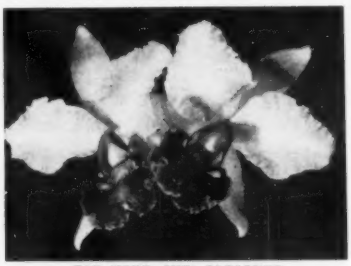
LOOSESTRIFE (Lythrum)

Lythrum, more commonly known as loosestrife, grows almost anywhere in sun or shade and will bloom from late June to September. It can be planted either in early spring or in the fall and the flowers should be set 10 to 12 inches apart. Loosestrife will do best if it receives plenty of moisture, particularly during dry spells, but otherwise it is remarkably undemanding. It clumps quite rapidly, so you will need to divide it every three or four years. Most varieties of this perennial grow tall and are useful at the back of the border.

BEEBALM (Monarda)

Beebalm, also referred to as Oswego tea or bergamot, is an old-fashioned favorite. It is handsome, easy to grow, tough and trouble-free. It will bloom either in sun or semishade and is not fussy as to soil. The flowers have tubular petals, forming a globe, and are produced on 2- to 3-foot stems. The mintlike fragrance of its foliage and its flowers seems to act like a magnet for hummingbirds, which makes it all the nicer to have around.

In beebalm, as in so many flowers today, hybridizers have made great improvements. You can get it in a beautiful new rose-pink, and also in white, crimson, or scarlet and ma-



FOR YOUR OWN PLEASURE
AND FOR EASTER "GIFTING"
NOTHING SURPASSES ORCHID PLANTS
They will give gorgeous blooms year after year
White-flowering Cattleyas in bud $15.00 each
Purple-flowering Cattleyas in bud $10.00 each
Also many other unusual varieties to choose from. Prices are f.o.b. Monroe, cash with order, please. Express shipment recommended.
Send 50¢ for color catalog. Amount refunded with first order.
MARGARET ILGENFRITZ ORCHIDS
Monroe Dept. A Michigan

Send for illustrated book on
RHODODENDRONS
and
EXBURY AZALEAS
Named varieties and selected seedlings
Describing over 250 varieties, plus complete cultural notes and reference material. Send 25¢ (in coin) for postage and handling.
BRYDON'S 415-A. So. High St. Salem, Oregon

FREE * Planting Guide CATALOG
Packed with numerous illustrations and helpful information covering scores of America's most popular varieties of colorful plants and flowers. Send for your copy today.
Compare our low money-saving prices
PLUS * Big, New Landscape Guide
to help you choose the most beautiful and most useful plants. Authentic, profusely illustrated.
19th year of prompt, dependable service.
BONGARZONE NURSERY, INC.
24 Wayside Rd. New Shrewsbury, New Jersey
* 35 cents west of Mississippi

Perennials Herbs
Ferns Wild Flowers
Send for our free illustrated catalog.
Putney Nursery, Inc.
Box 3F Putney, Vermont

PAGE
RIDING - WALKING
EQUIPMENT
FOR: TILLING
• PLOWING
• MOWING
• SNOW REMOVAL
ALL FARM-HOME CHORES
OVER 60 ATTACHMENTS AVAILABLE
2 to 9 HP with complete gear drive and reverse.
Free Catalog
LOW PRICES
EASY TERMS
Over 40 Years Experience
FULLY GUARANTEED!
PAGE 1900 S. 81st St. Milwaukee, Wis.

Better, easier, Rotary Tilling with finger-tip controlled full power reverse!

Simplicity

Roticul

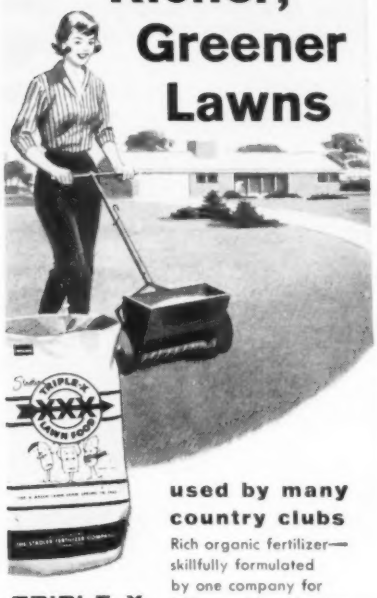
TILLER-CULTIVATOR

Works close to fences, between shrubs . . . no exhausting "pull-back"! A powerful sod buster for toughest soils — crumbles soil with gentle spading, lifting motion for perfect rotary tilling. Complete job visibility. Ask your Simplicity dealer how easy it is to own Roticul

WRITE FOR FREE CATALOG

SIMPLICITY MANUFACTURING CO.
5918 Spring Street, Port Washington, Wis.
Makers of Simplicity Garden Tractors and Wonder-Boy Riding Lawn Mower

Richer, Greener Lawns



used by many country clubs

Rich organic fertilizer—skillfully formulated by one company for 105 years! Long lasting—yet quick acting. You see lovely results in 3 to 5 days!

TRIPLE-X XXX LAWN FOOD

See your dealer or write:

Stadler Fertilizer Co. 1010 Denison Ave., Cleveland 9, O.

hogany. Beebalm may be planted in the spring or fall; plants should be spaced 10 inches apart. It will need dividing every third or fourth year.

BEARDED IRIS

A great joy every May and June are the spectacular blossoms of bearded irises. Although you mustn't expect much of them the first year after planting, once established they do well and multiply rapidly. For the best over-all garden effect plant three rhizomes (the fleshy roots) of one variety and one color together. Space them at least 1½ feet apart. They may look a bit sparse the first year, but thereafter will soon multiply and fill in the empty space.

Hybridizers are constantly working to improve iris as to color combinations and size and form of the flower. Some of the newest command a price as high as thirty dollars a rhizome, while many of the tried and true varieties can be bought for as little as sixty cents each. For all practical purposes the latter are more than satisfactory.

Irises now come in a very wide range of colors including white, pink, rose-pink, violet-blue, wine-red, mahogany-red, yellow, orange, brown, and even a black-violet, so dark it seems to be black. Some are obtainable in bicolors, also.

CORAL-BELLS (Heuchera)

Coral-bells produce spikes of small, bell-shaped flowers in white, pink, or red. These spikes grow 1½ feet tall and are produced in great profusion from a low, compact rosette of heart-shaped leaves. Although they will do best in a fairly rich, well-drained soil, coral-bells are actually not too fussy about it. However, they do require full sun, and will bloom from June to September if all dead flower spikes are promptly removed. When not in bloom, the neat mounds of foliage continue to make coral-bells an attractive addition to any border.

HARDY ASTERS (Michaelmas Daisies)

Every American who has ever seen perennial asters (Michaelmas daisies) producing great mounds of color in English gardens in the early fall is inspired to duplicate the picture in his own garden back home.

And nothing, as it turns out, could be easier to do. These asters are tough, thrive in most soils, and are

BOLENS

mowing is fun with the new 26" Bolens Ridemaster, America's smoothest cutting, easiest riding lawn mower. Enjoy the luxury of automotive steering, 6-speed Versamatic drive and reverse, lever-controlled cutting heights. Feel the surge of eager power that lets you cruise uphill with any of six working attachments.

Also see the new 24" **Suburban,** rugged, lightweight, maneuverable. Smart styling and deluxe quality at a low, low price.

BOLENS

Use this coupon to get free full-color literature and the name of your nearest Bolens dealer.

Check the catalogs that interest you, and mail to Bolens with your name and address.

☐ LAWN MOWERS ☐ UTILITY TRACTORS
☐ TILLERS ☐ CHAIN SAWS
☐ POWER-PAK (Tiller-Mower-Snow Plow Convertible)

BOLENS PRODUCTS DIVISION
Food Machinery & Chemical Corporation
Port Washington 88, Wisconsin

not much disturbed by pests. Whether you need a low edging plant, a middle-sized plant for the center of a border, or a tall one for the back, you will find an aster to meet each of these requirements, and in a wide range of colors, too, from white through pink, rose, red, lavender-blue, violet, deep purple, yellow and blue.

Asters are best planted in the spring. They can also be divided in the fall after blooming, if dividing is done early enough. Allow 2 feet of space between them and choose a sunny spot. Besides sun, they like plenty of moisture, so to assure a brilliant fall display be sure to water them in the hot days of August. They should be divided each year. The tall varieties should also be cut back at least one third from the top of the plant. Do this at the end of June to induce bushiness and heavy flowering. Taller varieties will stand up better if they are staked.

CHRYSANTHEMUMS

Chrysanthemums today come in an almost bewildering array of colors, shapes, and sizes. Here again, as with all other perennials, decide what colors and kinds you like best and then concentrate on groups of those types. Clumps or masses of one kind of flower or color look better than one of this and one of that nudged into a bed wherever there happens to be room. One of the deciding factors in selection should be what color will be most attractive in your house, for chrysanthemums are one of the most practical flowers for cutting and last for a long time in flower arrangements.

Chrysanthemums are available in single, double, pompom, button, spoon, and cushion types, the latter forming a mound of flowers. To become better acquainted with the various kinds, visit a nursery or send for catalogues put out by the specialists. Although chrysanthemums can be purchased in the fall and planted while in full bloom, they do better when planted in the spring. Roots should have a chance to become well established before winter; otherwise the frost may kill the plants.

To make the plants attractively bushy, pinch out the tips when plants are 6 inches high and continue to pinch the side shoots until the middle of July.◈

JEANIE NEW
Exciting Nearly WHITE Hybrid Tea ROSE

The high centered large superb blooms of this new Rose are attractively striking in their diffused and delicate colors. The fluctuating demure dainty hues of gold, cream and soft pink are delightfully enchanting. These exquisite exhibition type blossoms grow freely on the strong, branchy spreading bush.

Order Now—Each $2.50 - 3 for $6.60

Another must for your rose garden
ardelle
My new, really double, strikingly shapely, free blooming, huge white hybrid Tea Rose.
Each $2.50 - 3 for $6.60

Melvin E.
WYANT *Rose Specialist Inc.*
200 Johnny Cake Ridge • Mentor, Ohio
SPRING ROSE CATALOG FREE ON REQUEST

NEW

Fertilize with TRIPLE XXX
Rose Maker
precision formulated for
BIGGER BLOOMS
BETTER COLOR
MORE ROSES

THREE BIG WAYS BETTER

1. Organic blood base produces loads of 6" and larger blooms with richer color.
2. F.T.E. perfect soil mineralizer provides essential elements for big producing, healthier bushes.
3. K-631 Soil Conditioner provides ideal soil structure . . . quick availability of nutrients and moisture.

In 2½-lb., 5-lb. and 10-lb. boxes. Also 25 and 50 lb. bags.

Ask your dealer or write us.
THE STADLER FERTILIZER CO.
1010 Denison Ave. • Cleveland 9, Ohio

GIANT PANSIES

Add gaiety and charm to your garden with Pitzonka's Giant Pansies. Massive blooms actually 3 to 4 inches in diameter boast a rich, velvet-like texture and unusually brilliant colors. This Cut-Flower Mixture is for both bedding and cutting purposes.
Plant NOW for spring color.
Satisfaction Guaranteed!
Pitzonka's Cut-Flower Pansy Mixture

50 plants .....only $3.90 postpaid
100 plants .....only $6.55 postpaid
Catalog Free
PITZONKA'S PANSY FARM AND NURSERY
Box 139, Bristol, Pa.

WORLD'S FINEST GARDEN MUMS
Featuring
* GRAND MERE EXCLUSIVES
* 1958-1959 ALL-AMERICA AWARD WINNERS
also a wide selection of other new and choice varieties. Send postcard inquiry for free catalog.
GRAND MERE NURSERIES
Route 4 FG Niles, Michigan

4 *Beautiful* DELPHINIUM PLANTS REGULAR $2.50 Value **$1.00** POST PAID
2 Dark Blue, 2 Light Blue, well developed, nicely rooted. Will add beauty and dignity to your perennial garden. The nation's favorite Hardy Perennial. Grow more beautiful each season. Supply limited. Send $1 for this Big Offer.
R.H. SHUMWAY SEEDSMAN
Dept. 355 Rockford, Illinois

FREE FLOWER BOOK
Write today for free illustrated book—cultural directions, pronouncing index, germination table 3000 varieties—old and new. Many rare kinds. Yours for the asking. Send a postcard today!
Geo. W. Park Seed Co., Greenwood 50, S. C.

Sturdy Hardy Perennials
Strong well-rooted plants, packed to carry safely coast to coast, and then live, thrive and flower. Hundreds of kinds, unusual bulbs and hardy plants, in our New illustrated catalog. Ask for your copy.
PEARCE SEED CO.
Moorestown Dept. Z New Jersey

CONTROL ENGLISH SPARROWS

FOOLPROOF NEW TRAP
Now you can control English Sparrows when too numerous around your premises with guaranteed "elevator-type" Havahart Trap. Factory built. No resetting, bait lasts for weeks. Rustproof. Humane. Songbirds released unhurt. Low price. MONEY-BACK TRIAL OFFER. Send today for free new 40-page booklet on trapping secrets illustrated by Carl Burger.
HAVAHART, 182-R Water Street, Ossining, N. Y.
Please send me FREE new 40-page booklet and price list.
*Name*_____
*Address*_____

Here's the way to MAKE VEGETABLE GARDENING A PLEASURE...

Take the work out of gardening by turning to tilling.
With the Springfield rotary tiller you can prepare ground for planting, cultivate, weed . . . and do it all better, easier, and in a fraction of the time.

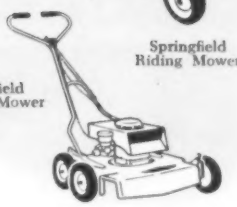
And the Springfield tiller fits your needs like a glove. Easy adjustments (made in seconds) let you till any row width and any depth up to 8″. You can adjust handlebar height for comfort and change pressure on rotating tines to fit soil conditions.

Yes, Springfield has everything. Not only is it a superbly engineered piece of equipment but it is backed by a full year warranty. And in the case of the rotating tines we make replacement free of charge if one *ever* breaks.

Stop in soon at your nearby Springfield dealer. You'll be surprised how much gardening pleasure you can get at such a low cost.

Springfield
POWERED LAWN AND GARDEN EQUIPMENT

Springfield Riding Mower



Springfield Walking Mower

Quality built by . . . Quick Manufacturing, Inc., Springfield, Ohio
THE HOUSE OF POWER!

5 steps to better lawns

"Green" manure crop makes good lawn foundation.

Seedbed prepared with lime, fertilizer, peat moss.

Surface is raked smooth before the grass is sown.

After seed is lightly raked in, the surface is rolled.

LAWNS are a common concern of homeowners on 50-foot lots as well as 5-acre "estates." For if the surrounding turf is poor a house looks run-down or at least unkempt, no matter how fine the hedges or flower borders may be. Yet for all the attention they receive, one rarely sees a really first-class lawn.

Why? Why, when so much advice on lawn-making is distributed and so many grass seed mixtures, fertilizers, soil conditioners and sure-fire pest remedies are offered the grass-hungry gardener?

The reason is simple. No one of these products, no matter how much merit it possesses, can by itself bring success. It is only by combining a number of practices that the gardener can, with justifiable assurance, look forward to success.

Here are five steps which, if followed with reasonable care, will lead him to a luxuriant lawn, green all season long.

1: The foundation. This term refers to the ground under your lawn, not to the surface soil that will be prepared for seeding. It has to do with lack of drainage or over-drainage; either condition is a serious handicap. First-class turf cannot be maintained where water stands in pools over winter or for long periods after rain. And grass grows poorly, if it does not "burn out," on extremely sandy soil or where rough fill, often containing building debris of all sorts, is covered over with a few inches of topsoil. The latter situation, with cavities, chunks of cement, tin cans, or similar materials buried just below the surface, sometimes occurs in development projects.

If either of the above contingencies is encountered, the

PHOTOGRAPHS BY F. F. ROCKWELL

Until grass seed sprouts, surface must be kept moist, not puddled.

F. F. Rockwell tells from his own experience what it takes to make a lawn you can be proud of

owner, if he desires a really good lawn, must realize that he has a problem and take steps to solve it. In most cases poor drainage may be rectified by laying ordinary drain tile about 18 inches deep at 15-foot intervals, with a slope of at least 2 inches to 100 feet.

In the case of over-drainage in sandy soil, a 3- or 4-inch layer of heavy soil (clay if available) plus 2 or 3 inches of peat moss, manure, or rough compost, well worked into the surface will provide a good foundation. Where buried rubble is the problem, it should be dug up and removed.

Do these recommendations sound like too much work? Let me assure you that they will be much more satisfactory *and less expensive in the long run* than going on season after season trying to improve poor turf with expensive fertilizers, soil rectifiers, weed killers (weeds always start where there is not thick turf to prevent their germination) and fancy grass mixtures. The foundation must be right or the lawn will not. However, treatments as drastic as those suggested above will not be required in ninety-nine cases out of a hundred.

2: The soil. The soil in which grass actually makes its growth (the great mass of roots are found in the upper 3 or 4 inches) should possess, above all, the capacity to absorb and hold water. Moisture is essential to all plant growth. Without it the potential nutrients in the soil—nitrogen, phosphorus, potassium and the rest—remain inert and unavailable to the millions of thirsty root hairs through which plants absorb food. Most plants require air in the soil as well as moisture; soil bacteria, which break down certain nutrients existing in non-available form, also require air.

The soil most suitable for the majority of plants, including lawn grasses, is a friable loam. This is a mixture of sand and clay particles which retains moisture well after the soil is wet but does not remain soggy. It does not bake hard after it dries out, as a heavy clay soil does. The more humus a friable loam contains, the more water it will absorb, and the longer it will hold onto it. This has a double advantage in that a lawn grown on such a soil requires less frequent watering and less fertilizer, because not so much

CONQUER CRABGRASS!

Stop crabgrass before it starts with

CHLORDANE

This year, save your lawn from "creeping death"! Stop crabgrass before it starts with one easy application of Chlordane. Chlordane saves work, and protects the beauty of your lawn from green-up time 'till snowfall. The same application controls lawn insects. To solve your crabgrass problem for the entire summer, just use Chlordane before crabgrass seed germinates. Apply with a sprinkling can, hose attachment, sprayer, or spreader. It will not harm desirable grasses. Your lawn will grow as it never has before! Get Chlordane at your dealer's today!

CHLORDANE BARRIER STOPS CRABGRASS AND INSECTS

Chlordane forms a lethal barrier in the soil. As seedlings emerge, they are "ambushed". Crabgrass never gets a chance to ruin the beauty of your lawn. The same application kills lawn insects.

TIMING IS IMPORTANT!

Chlordane is most effective for crabgrass control in the northern half of the country, where definite seasonal germination occurs. Germination dates range from April 1st to May 15th in this area. Chlordane must be applied before crabgrass seed germinates.

CHLORDANE KILLS LAWN INSECTS, TOO!

One application of Chlordane will kill lawn insects as it controls crabgrass. If crabgrass is not a problem in your lawn, Chlordane can be used at lower dosages for insect control. It is America's leading lawn and garden insecticide. Get Chlordane today, in sprays, granules, dusts, or work-saving plant food-insecticide mixtures.

CHLORDANE*

Write for free booklets . . .

*Chlordane is sold under various trade names at all stores that carry garden supplies. Technical Chlordane is manufactured exclusively by Velsicol Chemical Corporation, Chicago 11, Ill.

VELSICOL

VELSICOL CHEMICAL CORPORATION

330 East Grand Avenue, Dept FG39
Chicago 11, Illinois

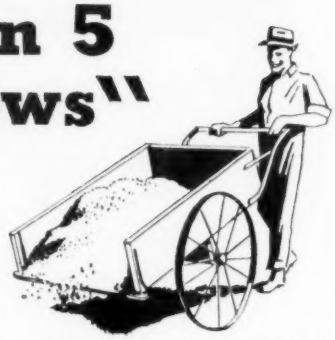
Please send me your crabgrass and insect control booklets.

Name_____

Address_____

City_____ Zone____ State____

"Better than 5 Wheelbarrows"



Do you own a wheelbarrow?

If so, here's wonderful news for you — news about the COUNTRYMAN'S CART which is SO MUCH more useful than a wheelbarrow!

When you've owned it a week you'll wonder how in the world you ever did without it! The all steel COUNTRYMAN'S CART has many, many more uses than a wheelbarrow. Holds 3 times the volume, 5 times the weight. Pushes much, much easier thanks to TWO BIG 30" wheels.

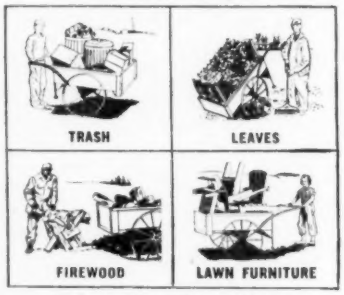
Even women and children find it much easier than a wheelbarrow to use. The weight balances on the axle — you don't carry it in your hands! And it won't tip over!

The COUNTRYMAN'S CART is built by Vermont craftsmen to last 100 years. Leave it outdoors all year long. Just paint it every year or so. Hard use can't hurt it. Tight, welded construction keeps things like loose dirt and sand from spilling out the sides. Removable tailgate makes for easy dumping.

Satisfaction guaranteed. Use the Cart around your place for three months. If you are not delighted, just send it back and we'll refund every penny of the purchase price!

Write TODAY for FREE illustrated circular, attractive prices. Sold only by mail.

In the Garden! Around the Place! All Year Long!



And countless other wonderful uses around country and suburban places. It's GUARANTEED to delight you — or full refund!

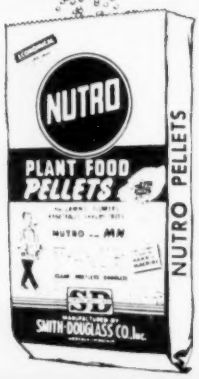
THE COUNTRYMAN'S CART

Vermont-Ware **Box 1403** **Hinesburg, Vermont**

390,000 FAMILIES . . .
benefit from FLOWER GROWER'S helpful hints and practical suggestions for more pleasant home gardening.

AMERICA'S FINEST LAWN AND GARDEN PLANT FOOD

NUTRO
PLANT FOOD *PELLETS*



Apply NOW for a Beautiful Lawn!

NUTRO is clean—dustless—odorless. Made especially for lawns and gardens, NUTRO is easier to apply. No raking or watering required.

- **Contains MN (Micro-Nutrients)**

To grow a lush, green lawn and beautiful flowers, trees, and shrubs, each NUTRO pellet contains all the primary plant food elements—plus MN, the rare Micro-Nutrients.

Ask for NUTRO at your garden supply store; also NUTRO Rose Food — NUTRO Azalea-Camellia Plant Food — NUTRONITE (all-organic).

CLEAN AND EASY TO APPLY!

Smith-Douglass Co., Inc. • Home Office: Norfolk, Va.

plant food will be carried down through the surface soil by leaching and thus be largely lost to the grass roots.

Good old well-rotted barnyard manure used to be the standard prescription for growing good turf. Despite improvements in commercial fertilizers, it is still the best. Manure provides both humus and readily available plant food, as well as a ready-made army of actively working bacteria.

Unfortunately, however, manures in their natural state are becoming more and more difficult, if not impossible, to obtain. So we are forced to find a substitute, or rather to make one, for there is no complete substitute available. We must get humus from one source and plant food from another.

The best commercial source of humus that we know of and the one most convenient to obtain and use is peat moss. A 2-inch layer, preferably more, especially on sandy soils, should be worked into the soil after it has been plowed or spaded to a depth of at least 6 inches. Other good humus-providing materials include compost (if you can get enough of it!), rotted sawdust, seaweed, ground-up wood chips, spent mushroom soil and the like.

The best method of adding humus to the soil without manure, especially on a large area, is to grow and turn under a "green manure" crop such as rye, ryegrass, oats, crimson clover or vetch. This requires time, of course, but the result makes it well worth while in the long run. Crimson clover or vetch sown in August, or any of the others up to a few weeks before hard freezing, will provide a mass of green material to turn under in early spring. Ryegrass or clover mowed a few times during the season will provide a satisfactory temporary lawn during the summer and make a good foundation for a permanent lawn to be sown in late August or September. You will scarcely believe your eyes when you see the improvement in the soil when the green crop has been turned under.

3: Food. Now that the table is set, so to speak, what food are we going to place on it, or *in* it, to nourish hungry roots?

The basic diet—the onion soup and roast beef part of the menu—for most grasses on most soils under

most conditions is a fertilizer containing 10% nitrogen, 6% phosphoric acid and 4% potash. This is known as a 10-6-4 formula. In areas where such a formula is not available, supplement each 20 pounds of 5-10-5 fertilizer (the most commonly available formula) with 5 pounds of sulphate of ammonia, or 20 pounds of an organic fertilizer such as Agrinite or Milorganite, to get an approximately similar mixture. These amounts are sufficient for 1,000 square feet.

Or you can use one of the special lawn fertilizers recommended for your type of soil. On very acid soils (with a pH of 5.5 or lower) it is advisable to apply raw ground limestone at the rate of 75 to 100 pounds per thousand square feet in addition to the fertilizer. One of the new chemical weed seed destroyers may be added at the same time, but if you use it, follow directions very carefully. Both humus and organic material should be very thoroughly mixed into the soil.

4: Seed and seeding. The kind or mixture of grasses to sow depends primarily upon which grasses do best in your area. This information is available from your local county agent. It depends also on what kind of a lawn you wish to have. The bent grasses or others that provide

a fine-textured "velvet-smooth" turf require much more care than a general-purpose mixture. If you have much shade to contend with, a "shady" mixture may give the best results. But if you have high shade most mixtures will prove satisfactory if extra food and water are given to compensate for the competition of tree roots in the soil.

One word of caution on buying grass seed. Get the best you can find. This will not necessarily be the most expensive, but a dollar or two saved on inferior seed mixtures is sure to cost you several times that amount in aftercare and upkeep. And your lawn will always be inferior unless you completely remake it. The best time for seeding is either at the earliest possible moment in spring or in the autumn—late August until frost in the North.

Even on a soil that has been well prepared we always make a final top dressing, 1 to 2 inches thick, of compost or peat moss mixed half and half with soil, sifted through a ½-inch screen. This is applied and then raked smooth to prepare a perfect seedbed that will absorb water like a sponge. It will not dry out and cake, forming a surface crust through which young grass seedlings cannot readily penetrate.

Sowing is best done mechanically, but fairly even distribution can be secured by hand if the surface is marked off into 10-foot strips and half the seed sown in one direction and the balance at right angles to the first. Rake in lightly without pulling the soil into ridges, then roll the surface or, for small areas, tamp it down firmly.

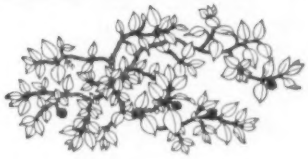
Getting the grass *up* is just as important as getting it in. To make sure of success the top inch of soil must be kept constantly moist for ten days to two weeks, even if this means sprinkling daily, or more often. For this job use a mist or oscillating spray which will not form muddy spots or puddles on the surface. The ordinary rotating sprinkler is not suitable for this task.

5: Aftercare. If the soil has been properly prepared in the first place lawn maintenance is a matter of routine. Mowing should begin when the grass is 3 to 4 inches high. Unless the mower is a new one, have the blades sharpened before cutting; dull blades may pull out or loosen young grass plants.

Once grass is established, never "sprinkle" the lawn; water thoroughly until the soil is moist to a depth of 4 inches or more, even if you can do only a section at a time.

If your lawn has been well made, three feedings a year should be sufficient: in very early spring, late spring and early autumn. A 10-6-4 fertilizer (or a similar one high in nitrogen) at the rate of 3 to 5 pounds per 100 square feet, depending on condition of growth, will maintain a green and vigorous turf. If weeds occur, they must of course be eradicated. There are chemicals which do this job effectively but a close-knit, vigorous turf provides its own best protection against most weeds.◈

act early! act now!



WEEDONE CHICKWEED KILLER
with 2,4,5-TP

controls: chickweed, henbit and prostrate spurge (milk purslane) in your lawn!

Now—another Weedone first! You can control these noxious lawn weeds *this* early in the year with powerful new Weedone Chickweed Killer. Catch 'em early—rout chickweed, clover and henbit now, prostrate spurge when it appears, for a beautiful lawn this summer. Weedone Chickweed Killer with powerful 2,4,5-TP will not injure desirable lawn grasses, is harmless to children and pets.

Be an early bird. Get Weedone Chickweed killer, now available in three popular sizes—8-oz. can $1.49, 1-qt. can $3.75, 1-gal. can $9.75.

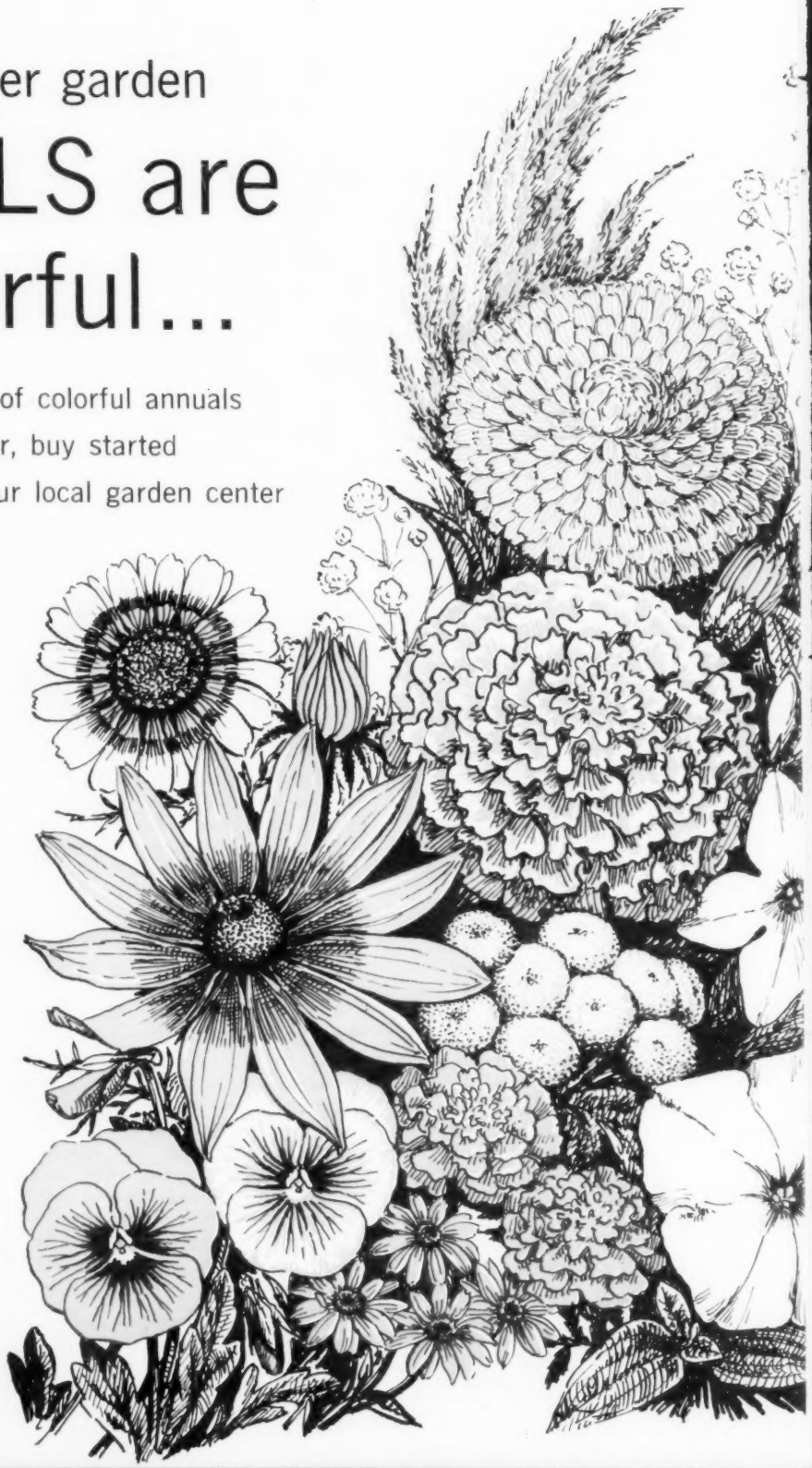
AMCHEM

AMCHEM PRODUCTS INC.
Formerly American Chemical Paint Co.
St. Joseph, Mo. • AMBLER, PA. • Niles, Calif.
Originators of 2,4-D and 2,4,5-T Weed Killers
Weedone is a registered trademark of Amchem Products Inc.

In the summer garden

ANNUALS are so colorful...

Plan to sow seeds of colorful annuals this spring or, if you prefer, buy started plants from your local garden center



ANNUALS are for all gardeners—beginners and experts—for among the hundreds offered each year are the easy-and-quick-to-flower kinds as well as some very tricky and demanding ones.

Color is one of the annual group's finest assets. A seasoned gardener once remarked that women especially must love annuals, for they can create new color schemes with them just as often as they redecorate their living rooms!

But there is still more to the annuals story. There is catalog fever, for instance, which is manifested by the seasonal poring over of descriptions and pictures and the discovery of plants not yet tried. There is the planning of new combinations and the ordering of brand-new varieties as well as the old favorites. Later comes the sowing of seed; watching for young seedlings to develop like the colorful catalog pictures; and finally the satisfaction of seeing one's carefully laid plans come into being.

Here and on the next pages are paintings of both popular and lesser known annuals by Allianora Rosse, Flower Grower's staff artist, lists of annuals by color and suggested planting plans—all should help you as you plan your garden for 1959.

—MARGARET OHLANDER

DRAWINGS FOR FLOWER GROWER BY ALLIANORA ROSSE

Annuals shown here include: pansy, sanvitalia, rudbeckia, marigold, petunia, verbena, nicotiana, marigold, celosia, calliopsis, tithonia, dahlia and salvia.

Red and yellow dominate the garden

Red is such a strong color that in most small home gardens it is best to intermix it with other colors rather than use a large mass of red by itself. For lending a note of brilliance or for providing a strong accent, red is indispensable. White flowers tend to neutralize red; soft blues and yellows soften its effect. Evergreens in the background or green foliage plants among red flowers are also useful for toning down red. Remember that there are many shades of red and one may be better than another for a given location.

Yellow is one of the most useful colors in the garden. For a strong contrast combine it with red. Blue and yellow always look well together. White and yellow if used alone look uninteresting; better to blend them with stronger color groups. Yellow and white give a cool effect and white shows up well at night.

Red And Yellow Annuals

Celosia—Plant both stiff cockscomb and feathery plume types; flowers can be dried for use in winter bouquets.

Dahlia—Quick to grow from seed; attractive foliage and flowers; blooms best in cool weather; seldom needs staking.

Marigold—Short, medium and tall varieties available; very quick and easy from seed; one of the most dependable annuals.

Petunia—Start seed indoors for earliest bloom; use compact type for bedding; trailing type for window box.

Rudbeckia—New tetraploid hybrid is very striking with giant blooms of bright yellow or bicolor; 3-foot plants.

Salvia—One of most popular red annuals; seed is best sown early indoors; soaking seed hastens germination.

Sanvitalia—Flowers resemble small yellow zinnias; very useful for edging; does well in dry places.

Tithonia—Stately plant with orange-red flowers; good for cutting; plants 4 feet tall so use in background.

Verbena—Low-growing annual useful for edges or solid beds.

Others—Pansy, zinnia, calliopsis, aster, nasturtium, nicotiana.

Pink annuals shown above include: celosia, dianthus, phlox, zinnia, cosmos, cleome and babys-breath.

Pink annuals are favorites in the summer garden

Pink has long been considered one of the favorite garden colors. There is such an infinite variety of pink that endless combinations can be worked out to achieve distinction in the all-pink garden. Many flowering shrubs and trees also have pink flowers and will carry out a pink theme.

Aside from using pink alone, there are interesting combinations that can be worked out with other colors. Gray and pink are particularly pleasing and can be achieved by using pink flowers with gray-leaved plants, wooden steps or furniture, and against gray stone. Pink and yellow look well together if the shades are chosen with care. Pink and blue, especially the lighter shades, mix well.

Some Good Pink Annuals

Cleome—Good background plant; inclined to legginess so grow lower plants in the foreground for best effect.

Cosmos—Plants very graceful; excellent for cutting; use where tall plant is needed; blooms continuously during summer.

Dianthus—Both single and double forms, some with toothed or fringed petals; if protected over winter may bloom again.

Larkspur—Excellent spike-form flower; chill seed in refrigerator a few days before sowing or sow seed in late fall.

Phlox—Sow seed where plants are to flower as they resent transplanting; plants 6 to 8 inches tall; good for bedding use.

Snapdragon—Excellent spike-form flowers to contrast with round forms; long-lasting flowers in garden and when cut.

Zinnia—Mainstay of summer garden; many types available.

Others—Sweet-pea, celosia, china-aster, lavatera, petunia, scabiosa, verbena.

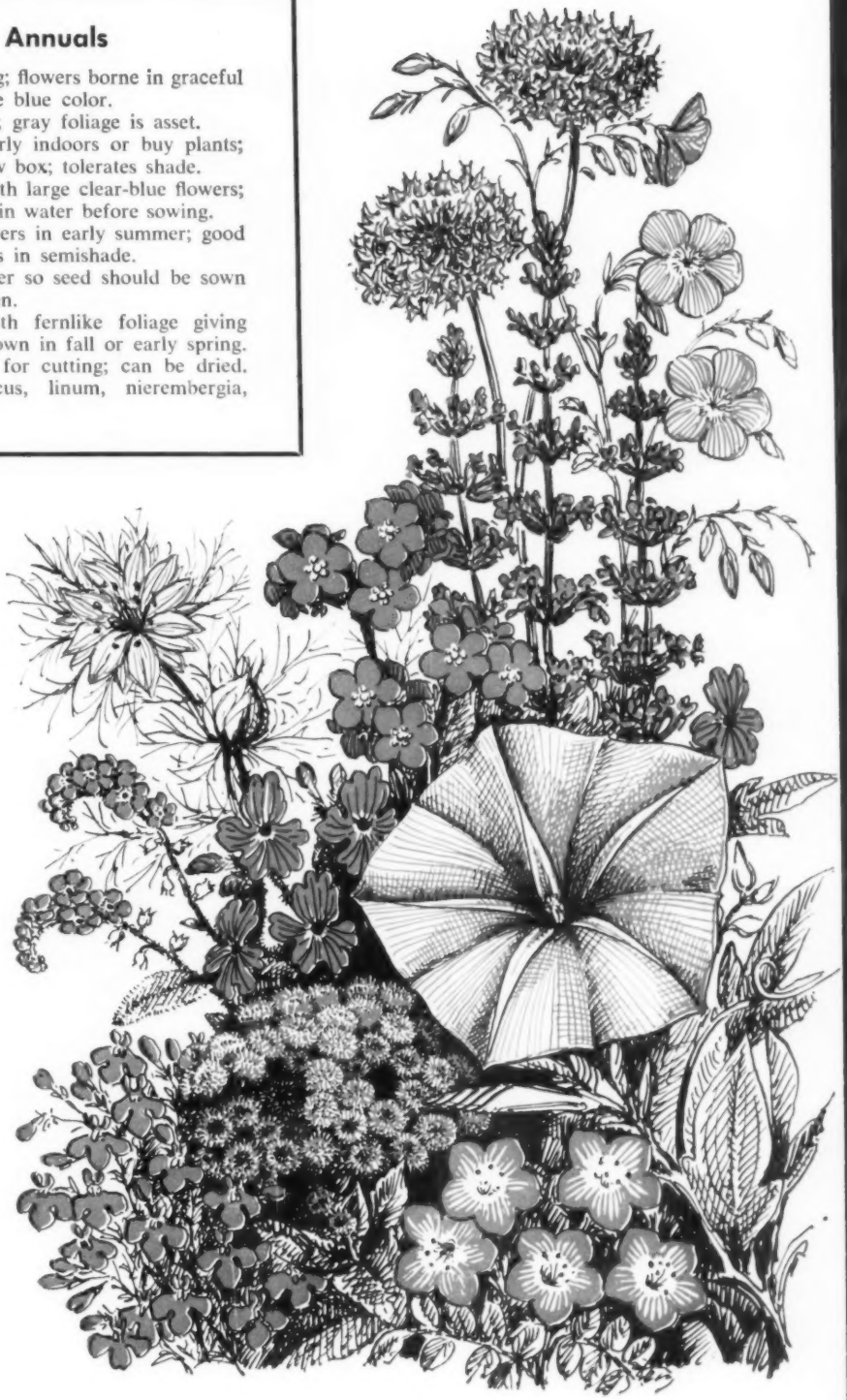
Some Good Blue Annuals

Cynoglossum—Sow seed in early spring; flowers borne in graceful sprays on plants 18 inches tall; true blue color.
Cornflower—Flowers good for cutting; gray foliage is asset.
Lobelia—Seed is fine; best to sow early indoors or buy plants; excellent edging plant or for window box; tolerates shade.
Morning Glory—Fast growing vine with large clear-blue flowers; hasten germination by soaking seed in water before sowing.
Nemophila—A rapid grower that flowers in early summer; good for edging or rock garden; succeeds in semishade.
Nemesia—Flowers best in cool weather so seed should be sown early; use as edging or in rock garden.
Nigella—Flowers are surrounded with fernlike foliage giving plant an airy effect; seed may be sown in fall or early spring.
Salvia farinacea—Spike-form flowers for cutting; can be dried.
Others—Ageratum, browallia, didiscus, linum, nierembergia, phacelia, scabiosa, torenia.

Blue annuals combine well with other colors

Perhaps because there are fewer blue flowers than there are of most other colors, they are particularly sought after by gardeners. True sky blue without any overtone of red occurs in very few flowers and is greatly prized. Blue has a softening effect in a garden and is not at all difficult to use.

An all-blue garden is seldom seen but it offers interesting possibilities and presents a real challenge. Blue and yellow make striking contrast. Blue with white or gray is good. Blue and red are often seen and are very showy. The shades of each should be chosen with care so no harshness occurs. When plants surround a garden pool, blue-flowered ones reflect well in the water.



Blue annuals shown at right include: lobelia, nemophila, cornflower, morning glory, cynoglossum, nemesia, myosotis, nigella, salvia, and cornflower.

See how annuals have enhanced these

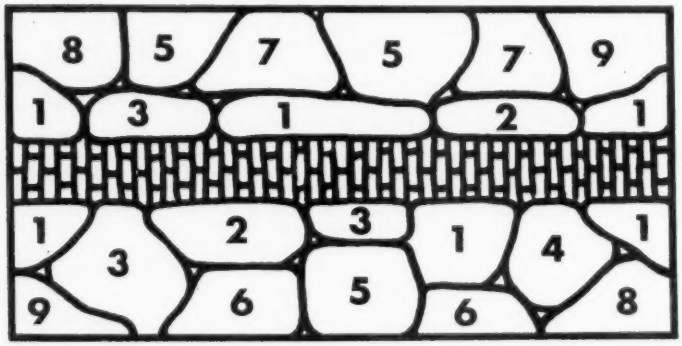
ALICE DUSTAN

Dwarf French marigolds used here provide color all summer long. Note that very few permanent plants are used in this simple foundation planting and annuals help provide interest. Trailing petunias are used in the window box.

ALICE DUSTAN FOR THE LENNOX SHOP

The planting for this country store is made up entirely of annuals. Dominant note is provided by tall large-flowered zinnias. These have been faced down with lower-growing single petunias. Both provide continuous bloom.

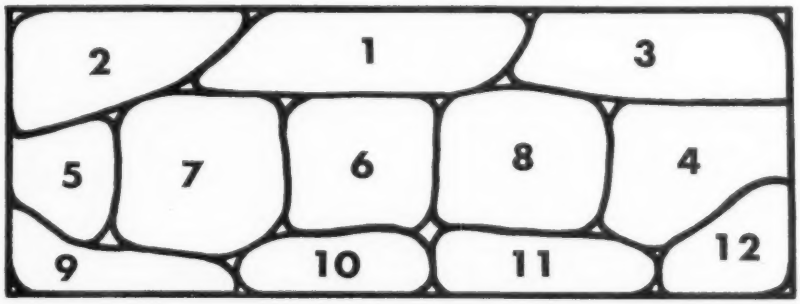
Modify these simple plans to suit your needs or



THESE GARDENS can be planted as shown or adapted to your needs. The scale used is approximately 1″ equals 2′. However, all these gardens can be lengthened by repeating the plan as often as necessary. Use at least 3 plants of each variety for best effect.

ALL-MARIGOLD GARDEN: 1. Pygmy Primrose, 6″; **2.** Petite Yellow, 6″; **3.** Butterball, 8″; **4.** Lemon Drop, 9″; **5.** Yellow Climax, 3′; **6.** Orange Climax, 3′; **7.** Nearest-To-White, 3′; **8.** Sunny, 15″; **9.** Yellow Fluffy, 2½′.

CUTTING GARDEN: 1. Marigold Climax, 3′; **2.** Cosmos Radiance, 4′; **3.** Zinnia Giant Dahlia Pastel Shades, 3′; **4.** Zinnia Giant Dahlia Ice Cream, 3′; **5.** Zinnia Giant Dahlia Glamor Girls, 3′; **6.** Zinnia Salmon Queen, 3′; **7.** Celosia Golden Fleece, 2½′; **8.** Nicotiana Daylight, 1½′; **9.** Marigold Butterball, 8″; **10.** Petunia Linda, 1′; **11.** Petunia Sabre Dance, 1′; **12.** Marigold Butterball, 8″.



homes and gardens

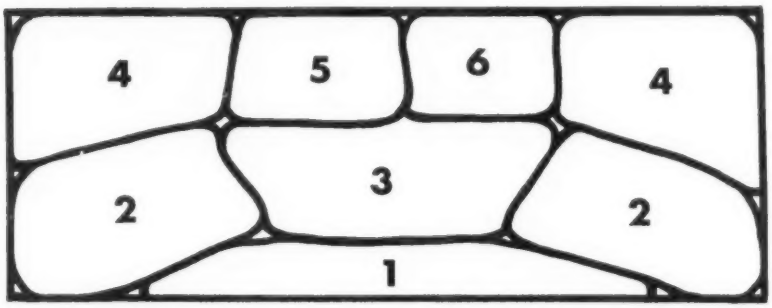
MOLLY ADAMS

Annuals have been used here in a perennial border to extend the flowering season. The annuals were planted where spring bulbs had flowered earlier. For the best effect space should be provided for large groups of each flower.

ROCHE

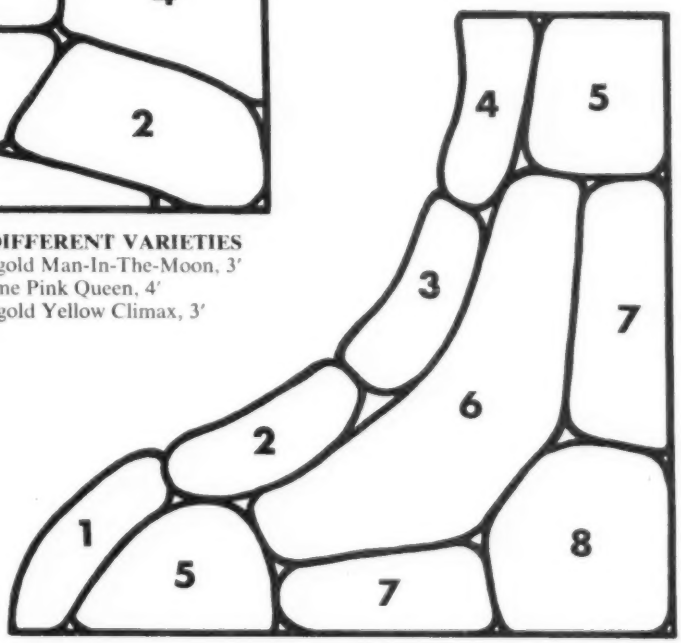
This interesting grouping of annuals in the foreground includes fragrant white nicotiana, delicate pink cleome and dwarf French marigold. Cleome has been used as a tall background plant throughout this extensive border.

start from scratch to create your own gardens



AN ANNUAL GARDEN USING ONLY SIX DIFFERENT VARIETIES

1. Sweet-Alyssum Tetra Snowdrift, 10″
2. Petunia Lavender Lace, 10″
3. Petunia Maytime, 10″
4. Marigold Man-In-The-Moon, 3′
5. Cleome Pink Queen, 4′
6. Marigold Yellow Climax, 3′



AN ANNUAL GARDEN FOR A CORNER: **1.** Zinnia Tiny Cupid Mixed, 1′; **2.** Celosia Dwarf Plume, Fire Feather, 1′; **3.** Celosia Dwarf Plume, Golden Feather, 1′; **4.** Marigold Red Head, 1′; **5.** Celosia Golden Fleece, 3′; **6.** Dahlia Sunburst Mixed, 2′; **7.** Zinnia Giant Cactus Mixed, 3′; **8.** Cosmos Mandarin, 3′.

AFRICAN VIOLETS

WE SPECIALIZE IN AFRICAN VIOLETS ...EXCLUSIVELY

If you want violets that will bloom for you without pampering, send US your trial order!

SPECIAL OFFER

To prove to you that our plants arrive in fine condition, we will send postpaid & guaranteed, your choice of a plant in bloom and labeled—Pink, White, Light Blue, Dark Purple, Lavender at $1 each (or all 5 for $4.95). Growing instructions free.

$1.00 EACH

AFRICAN VIOLET CATALOG FREE...Tells how to grow your violets so they're covered with bloom! Many pictured, all honestly described...for beginners and for collectors! WRITE TODAY!

SPOUTZ AFRICAN VIOLET GREENHOUSES
34300 MORAVIAN DRIVE • FRASER, MICH.

FERTO POTS

"Plant Eats Pot"

The only starting and transplanting pot made with COW MANURE. Don't accept pots that offer less! **Special offer:** We will prepay 100 2½" Ferto Pots to you, and include enough free **POWDERED COW** (cow manure, pulverized fine as talc) to make one gallon of liquid cow manure plant food—all for $4.25! Send check or money order to

QUAKER LANE PRODUCTS
Box 100 EG Pittstown, N. J.

Learn **PROFESSIONAL LANDSCAPING** *Easily & Quickly* **AT HOME**

FOR PLEASURE—Please your family with a professionally landscaped yard. Assist your friends and community in landscape projects; become a garden authority in your neighborhood. Many money-making opportunities as a consultant.

FOR PROFIT—Prepare for tremendous money-making opportunities for trained men and women in the Landscape Field. You may quickly learn—at home—how to become a Landscape authority, Landscape Contractor, Landscape Nurseryman, Garden Consultant, Lecturer or Designer.

Start your own profitable business or get good paying position. Excellent part time money-making opportunities. Successful graduates coast to coast. Study and Earn Your Diploma at Home!

Write today for *FREE BOOK.*

NATIONAL LANDSCAPE INSTITUTE
11826 San Vicente Blvd., Dept. F-39
Los Angeles 49, California

Please send me free copy of your book, "How to Learn Modern Landscaping for Profit or Pleasure," and How I can Earn my Diploma at Home.

Name_____

Address_____

City_____ Zone ____ State_____

A time saver: the peat pot

HAVE YOU NOTICED that each spring the plants you buy from commercial growers are more healthy, beautiful and well grown? One reason for this trend is that commercial growers now approach transplanting of plants with infinite care and patience, making every effort to provide the plants with maximum protection to reduce the shock that can retard their growth, make them more susceptible to disease and even destroy them. The transplanting problem has been virtually solved by development of the permanent plant home—the horticultural peat pot.

What are peat pots? As their name suggests, they are plant containers made chiefly of horticultural peat moss (up to 70%). Other ingredients include wood pulp (approximately 27%) for strength and rigidity and fertilizing compounds (about 3%) to stimulate early plant growth. Currently, several brands are being marketed and while differences exist between the brands, all are tough-walled, yet permit easy root penetration.

This revolutionary pot holds the soil and root system of the young plant until it is placed in the garden —*pot with plant*. The roots develop straight through the pot walls into the surrounding soil, becoming part of the garden. The result is uninterrupted growth. The plants never are checked, which means that main roots as well as tiny feeder roots remain intact.

In addition to overcoming the transplanting problem, peat pots offer other advantages to commercial growers and home gardeners not found in other types of plant containers. Anything that grows in soil will grow in peat pots. They are adjusted to a pH (acidity) that strikes a happy medium for all bedding plants, and they contain fertilizers that assist growth during the first few weeks of a plant's life.

With peat pots, there is no need for immediate transplanting after the gardener purchases annuals, perennials or vegetables from the greenhouse operator. These plants are much easier to hold over than those which have been dug from flats. Also, laying out the flower bed is made easier. Gardens can be arranged and rearranged. What gardener hasn't laid out a border only to find that his spacing is poor and his line is not true! With peat pots, adjustments easily can be made.

Not to be overlooked is the value of the peat itself. The best horticultural grades are used in manufacturing the pots. And peat, of course, long has been accepted as an excellent soil conditioner. Every peat pot that goes into the garden contributes to the condition of that garden as the pot's remains are worked into the soil at the end of the season.

Additional advantages that have become obvious with use include faster planting because there is no root separation or pot removal; superior growth before transplanting, caused by presence of fertilizers

African-violets grow in peat pots.

Plant this tomato—pot and all!

and moisture reservoir in pots; and no pot binding, as roots are allowed to range back and forth through the entire soil ball as well as walls of the pot. Also important is that peat pots, which are not reusable, are free of pathogens likely to lurk in old, unsterilized flats and other types of used containers.

How to handle peat pots. Always remember that the pot is a reservoir of moisture. The peat fibers soak up large quantities of water and maintain soil moisture on an even level by supplying more as it is needed. If the gardener pots his own plants, he must not lose sight of the fact that the reservoir is empty to start with, and it must be filled. Growers accomplish this by giving the pots two thorough waterings about an hour apart after the plants have been potted.

With the reservoir filled, the pot will keep the soil moist for an extended period of time. Consequently, do not overwater. A heavy watering again should be applied just before and after the plant and pot are plunged into the garden.

Plants in peat pots should go into normally fertile garden soil, after which an ordinary fertilizing program is followed. If the gardener is growing his own seedlings, cuttings or bulbs in the pots, the fertilizer in the pot walls should be sufficient during the early weeks of growth.

The gardener buying plants in peat pots or setting out his own plants may notice roots which have already grown through the pot wall. It might appear surprising to see roots exposed to the air where they could dry out. Tests have indicated that this condition does no harm to the plant. The root system in a peat pot develops in the same way as a system right in the garden, with roots interlacing throughout the whole soil mass.

Where are they available? Peat pots are being used more and more each year by commercial growers who produce flower and vegetable plants for the garden trade. In any sizable community the back-yard gardener should be able to purchase plants growing in these peat pots. For the hardy souls who like to start their own plants, retail packages of peat pots in many sizes are available from mail order concerns, at garden centers, florists' shops and at many hardware stores.—G. CARL BALL

Cully Wilson says:

Splash Bright Color 'Round Your House and Garden with Easy-To-Care-For

Geraniums

Sample Our Fine Geraniums With These Special Offers . . .

"Sampler" Special—
A get acquainted selection of fine Geraniums . . . 3 Zonals (1 each of Red, Pink, White); 2 Vining (1 each of Red, Pink); 1 Fancy Leaf; 1 Rose Scented-Leaf; 1 Rosebud **8 for 3.39**

Scented Leaf Special—
Pot plants with aromatic foliage. Includes 1 Rose; 1 Lemon; 1 Spice; and 1 Fruit Scented Geranium. 75¢ Each, or **4 for 1.89**

Vining (Ivy) Special—
They trail and bloom. 2 brilliant Reds; 1 Pink; 1 White. 75¢ Each, or **4 for 1.89**

4"-8" Plants, Sent Postpaid. Safe Arrival Guaranteed.

Write for FREE 1959 CATALOG!

Zonal Geraniums for Beds, Borders, Window Boxes, etc.
By color choice—Red, Pink, or White. All named varieties.
4 for 1.80 8 for 2.95
12 for 4.25 50 for 16.50

Fancy Leaf Geraniums—
Specially interesting as pot or garden plants. 4 Different popular varieties. (75¢ each) ..... **4 for 2.39**

WILSON BROS.
ROACHDALE 48-C, INDIANA
GERANIUM GROWERS SINCE 1919

12 *Rose Bushes*

Direct from EMPIRE, for 15 years one of the Nation's largest growers of fine roses!

* *Guaranteed!*
* *Not Waxed!*
* *Field-Fresh!*

$2.95 POST PAID

NOW! FOR A LIMITED TIME ONLY, ROSES FOR LESS THAN 25c EACH!
Imagine, an entire rose garden — 12 hardy, 2 yr. old, Gov. inspected rose bushes for only $2.95 ppd. Each a famous variety that will give you armloads of blooms every year PLUS the delicate fragrance, the classic beauty, the vibrant colors that have made the rose a cherished flower since the days of Moses! But you must order NOW. This Field-Surplus Sale is made on a strict first-come, first-served basis. Our fields MUST be cleared now for new planting. Send cash, check or M.O. for $2.95 for 12 ($5.90 for 24, etc.) and your order will be rushed to you at proper planting time or WHEN YOU SPECIFY . . . post paid, pruned ready for planting and complete with planting intsructions. Avoid "Sold Out" disappointment — ORDER NOW!
SUPPLY DEFINITELY LIMITED

YOUR ORDER WILL CONTAIN A MIXED ASSORTMENT OF SUCH WORLD FAMOUS VARIETIES AS
Better Times* (rich red); Etoile De Hollande (red); Red Radiance; Pink Radiance; K. A. Viktoria (snow white); White Am. Beauty; Condesa De Sastago (gorgeous two-tone); Talisman (red and yellow); Luxembourg (sun bright yellow); Ectipse (yellow); The Doctor (delicate pink); Briarcliff* (pure white); Countess Vandal* (two-tone) and many others! **(Roses marked with asterisks are former PATENTED varieties!)**

GUARANTEE!
Each order is guaranteed by EMPIRE to reach you in a "living fresh" condition complete with easy-to-follow growing instructions and pruned ready for planting. You must be satisfied with your plants on arrival or return them and your money will be refunded.

FREE OF EXTRA COST If your order is postmarked on or before the 20th (of month shown on cover of this issue), you will receive a former Patented, $1.50-value CL. RED BLAZE — America's most prolific blooming climber — FREE!

EMPIRE ROSE NURSERY
BOX 994 • TYLER, TEXAS • DEPT. 114

Please send me _____ guaranteed rose bushes. (Order only in multiples of 12 at $2.95 — 24 at $5.90, etc.)
Name _____
Address _____
City _____ Zone ____ State _____
When wanted _____
☐ Enclosed is $..... Send order postpaid. ☐ Send C.O.D. plus postage.

DRAWING FOR FLOWER GROWER BY ALLIANORA ROSSE

by CLIFTON LISLE

Life stirs in the March garden

MARCH can be bitter and cold. March can drift us fence-high in snow. Or drench us with bone-chilling wind and rain. Yet March is spring for all that and we feel it in the marrow, just as we see it in each swollen bud tip and in each thickened branch outlined against the sky.

No day in March is like another. The chores that flood so thickly upon us are as varied as they are inconsistent, yet the pattern is there. The urge and thrust of the year are with us in earnest. A glance at the record shows us what a mixed bag March really is. The wise man leans with the wind and takes his luck as it comes to him. The wise gardener, too, leans with the wind.

A year ago, our most fickle of months began with a warm night and a springlike morning. We were not deceived, yet we did yield to the charm of it and seeded some *Collinsia bicolor* in the wildflower bed. We could not find *Collinsia verna*, the true blue-eyed Mary. Few flowers are more lovely, especially if growing wild. A hundred pounds of lime was spread as evenly as possible on our new asparagus bed and on the rhubarb, too, as yet showing not a single tip. Some MERION Kentucky blue-grass was seeded on the bare spot where a black walnut had stood. It grew too near our young orchard, for black walnuts will destroy fruit saplings in no time. While near the orchard, we painted over all pruning scars as a precaution. It is through such open wounds that infection can and often does strike at a young tree.

All day a cardinal knocked at his reflection in our library window. Snow crocuses opened—a delight if ever there was one. Wild garlic lifted greener in the meadow. Alder catkins swayed above the swamp across the lane. Maple tips were ruddy. Grass had suddenly livened. The night before some coon hunters' lanterns had starred on the hill across the brook and we could hear their hounds baying at a not-so-distant den-tree. March had come in like a lamb and we loved it.

Next day we spread five bales of wheat straw in the sheep pens and in their new outdoor shed. Protective wire screening was set around a willow, a young swamp maple and a trumpet-creeper, all near the barn and the springhouse, where sheep have access. How they do love to gnaw and nibble bark and branch tips! Eighty pounds of 5-10-10 were put on the new asparagus bed and on the rhubarb, limed the day before. Eighty more pounds of 5-10-10 went on the bank roses near the house. We found a chance also to paint a long trellis fixed to the east wall where a pyracantha would go later. Wheat was greening under the genial sun. We knew the sunshine could not last.

Chores never cease. Nor do they repeat very often. Weather still holding, we manured our black raspberry canes and sprayed all raspberries with lime-sulphur solution. Wood ashes from last winter's hearths were scattered over our bank roses by the drive. The tool shed was given a spring cleaning, long overdue. For variety, my good wife Nancy had a spill while riding. No harm done. She was in the saddle again in no time.

By midweek, we had two wren houses in place in the terrace sycamores. The lilac clump was pruned. It has been here a hundred years, I dare say, and needs care each spring as dead wood collects. In the marsh, the tiny flower of the skunk cabbage hid in the curl of the spathe, one of the year's first blossoms for those who seek it. Next day there was ice on the creek. Near the barn, bulb tips rose stiffly through solid sheets of ice, just to remind us that this was March. To keep warm, we

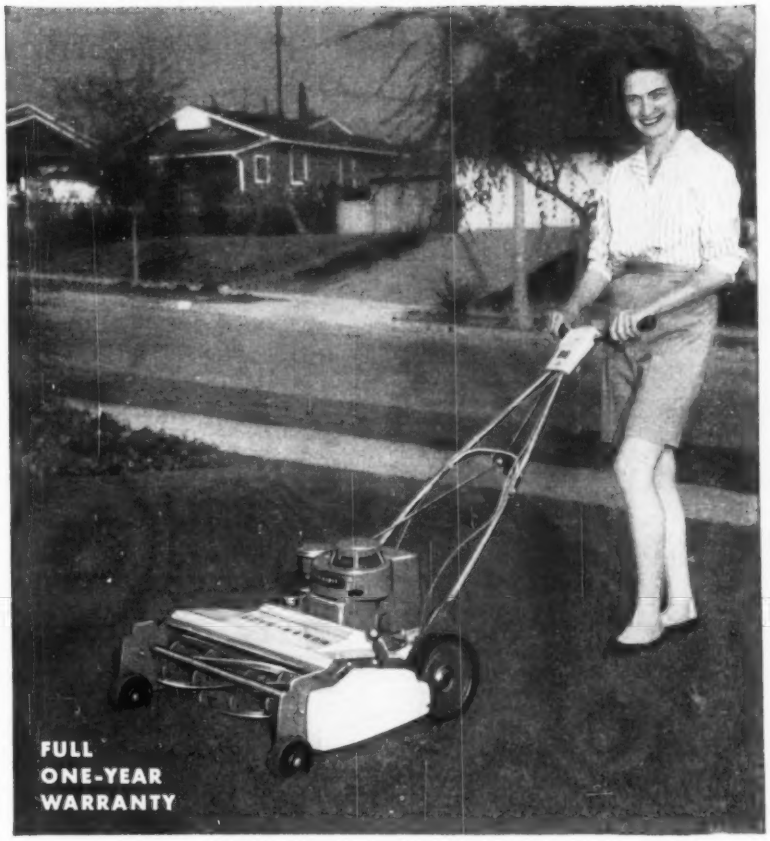
moved a pile of spare posts and rails to the barn for safekeeping, then sawed wood into lengths for tomato frames. Blue-grass was showing color now in spite of the rawness of the air and the bite of a bone-chilling, rheumy fog.

Watercress greens early. It did so now as the first week of March drew to a close. Bluebirds were all about. Downy woodpeckers and nuthatches climbed up and down and every-which-way on the suet bar by the kitchen window. We found a chance to seed cabbages and cauliflower in flats for transplanting much later. Then we reset a few frost-heaved bulbs. Most of our fall planting had held firmly. All the old bulbs were safely deep. Winter jasmine (*Jasminum nudiflorum*) still blossomed on the terrace wall. Indoors, forsythia branches and the freesias were in flower along with geraniums, begonias and the rest.

Through wind and weather, low aconite kept flowering—a lasting, golden blossom—despite a light fall of snow on the twelfth. Snowdrops were in flower too, near the crocuses by the rock. As the snow melted we removed most of the heavy mulch from the rhubarb, leaving manure and top-dressing. We applied 5-10-10 to the new grapes, the raspberries and the blackberries. Lawn shrubs and the big rock were raked clear of leaves. Crankcase oil was brushed lightly on some new bricks of the north terrace to make them match the weathered old ones. A bit of coarse tobacco had been stirred into the oil for color. This sounds odd, but the result was pleasing. A busy, much-done day.

More crocuses kept coming into flower in spite of cold wind, sleet, rain—and thunder. The mourning doves were calling in their melancholy way. First robins showed on the lawn near the silver-bell tree. Later it cleared. The birds had been right; there was a touch of spring in the air.

The end of the week was busier than ever. We planted two dormant GOLDEN SHOWERS roses by the west wall of the kitchen. We pruned two walnut trees of winter-torn limbs. PRITCHARD tomatoes were seeded in flats. One Chinese holly was stripped of its burlap tent and found to be in fine fettle. Gnats and grey moths were suddenly in evidence, especially towards evening—not a

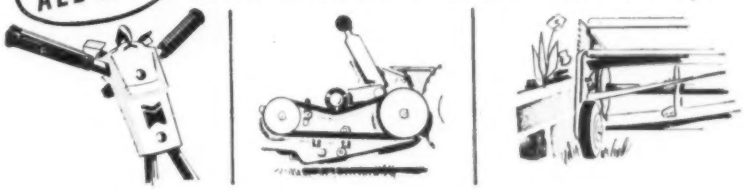


"We are really thrilled with our new Moto-Mower 22″ Trimmer!"

says Mrs. WILLIAM C. BOWER, PASADENA, CALIFORNIA

"I inherit a good deal of our yard work. Although I am not mechanically inclined, it is a breeze to handle this new Moto-Mower Trimmer. It cuts low enough to give a really velvet-smooth look to our lawn, and, at the same time, trims close to our trees and brick-trimmed flower beds."

ALL NEW with Brilliant Features like These!



The finest precision mower you can buy! Magic-Touch Controls and starter at the handle—exclusive Adjustable Reel Speed Control. No wider than conventional 18″ reel, but with 4″ greater cut—easy to maneuver in tight quarters. See the complete 1959 Moto-Mower line of push-type and self-propelled rotaries, reels, and 24″ riding rotary, at your dealer's.

FOR NEAREST DEALER CALL "OPERATOR 25" WESTERN UNION

MOTO-MOWER® Inc.

Subsidiary of
DETROIT HARVESTER CO.
Richmond, Indiana

Marhigo Iris

THE WORLD'S MOST COMPREHENSIVE IRIS COLLECTION

AMERICA'S FINEST JAPANESE (KAEMPFERI) IRIS, highlighted by the GIANT NEW MARHIGO VARIETIES. Complete selections of BEARDED, DWARF, SIBERIAN, SPURIA, LOUISIANA, DUTCH, ENGLISH and many other bulb and beardless irises too numerous to name here.

OVER 100 DAYLILIES including the best of the old and most recent introductions. Modern daylilies now come in almost a complete color range.

No other catalog is like

WALTER MARX GARDENS ANNUAL CATALOG . . . ready for mailing MARCH 1

64 PAGES FEATURING THE KINDS OF PERENNIALS PREFERRED BY DISCRIMINATING GARDENERS, OVER 140 TRUE TO LIFE COLOR ILLUSTRATIONS MOSTLY FROM OUR OWN EXCLUSIVE COLOR PLATES depicting many of the latest creations developed here in our gardens.

PERENNIAL ASTERS, New Dwarf Oregon-Pacific Hybrids, originated by Professor Breithaupt of Corvallis, Oregon. Without question the outstanding fall flowering perennial of the century. For several weeks of masses of bloom in new vibrant colors, be sure to try BONNIE BLUE, ROMANY, DEBUTANTE and the vivid red 1959 introduction, ROSE MARIE.

MANY PRIMULAS including new Pacific Strains and several rare and hard to get species. No Spring garden is complete without the lovable PRIMROSES. In addition, many other SCARCE AND CHOICE PERENNIAL FLOWERING PLANTS AND BULBS, not available elsewhere, are offered by us for the first time.

25c enclosed with your request now for this big informative book catalog will bring your copy at the earliest possible date. For some real indoor gardening enjoyment before the tide of Springtime takes your attention out-of-doors send for your copy TODAY.

Walter Marx Gardens
BOX 38-F-3 BORING, OREGON

START YOUR OWN SEEDLINGS WITH THIS LIFETIME ALUMINUM COLD FRAME

PERFECT GIFT For Your Green Thumb friends

ONLY $19.95

NO ROT—NO RUST—NO PAINTING—NO GLASS TO BREAK

Lengthen your gardening season. Save big money by starting your own plants. New low cost all-Aluminum Cold Frame measures 3x3½ feet. Windows made of sturdy transparent plastic reinforced internally with strong aluminum wire. Window covers raise for ventilation or slide for removal. Easily assembled with household screw driver. Comes complete with illustrated instructions. Holds heat — prevents frost damage — lets you enjoy your hobby four extra months per year. Send $19.95 check or M.O. Add $1.00 postage W. of Mississippi. Converts to hot bed with Gro-quick heating coil thermostat — $6.45 extra.

ABSOLUTE GUARANTEE!

You must be perfectly delighted with your purchase. If, for any reason, you are not entirely satisfied, you may return your Cold Frame within ten days for immediate money back refund.

MERCHANT & EVANS CO.
2031 Washington Ave., Phila. 46, Pa.

Burpee Seeds YOURS AT **HALF PRICE**

SPECIAL! **A Gardenful of New and Better Flowers**

$2 VALUE for only $1 POSTPAID

CUT OUT AND MAIL TODAY TO: **W. Atlee Burpee Co.,** 423 Burpee Building Philadelphia 32, Pa. *or* Clinton, Iowa *or* Riverside, California

☐ Send postpaid this **Greatest Seed Offer ever made by Burpee Burpee's Best Flower Seeds. All 7 Packets** described below (No. 950) **$2.00 Value for Only $1.00** (order extra sets for gifts to friends if you wish—enclose $1 bills at our risk).

Burpee All-Giant Zinnias, gorgeous array of brilliant hues and lovely pastels; some multi-colors. Up to 6 in. across. **Pkt. 25c**

Burpee Giant Ruffled Tetra Snapdragons, most popular of all! Larger flowers, lovely colors, some never before seen. **Pkt. 25c**

Burpee Giant Gloriosa Daisies, spectacular daisies up to 7 in. across! Yellow, bronze, mahogany, gold, bicolors, mixed. **Pkt. 25c**

Nearest-to-White Marigolds, lovely flowers, some so near white they may produce a white marigold and win $10,000. **Pkt. 25c**

Burpee Giant Fluffy Asters, petals curled like ostrich plumes. Mixed colors. **Pkt. 25c**

Crown Jewels Petunias, brightest colors ever, mixed. Have hybrid vigor. **Pkt. 25c**

Pinkie Sweet Alyssum, soft pink in cool months, white in summer heat. **Pkt. 50c**

Name ..... Enclosed is $.....

Address .....

☐ **Send Burpee Seed and Bulb Catalog FREE**

BURPEE SEEDS GROW

good sign, though a token of spring. For a week now we had watched floating strands of gossamer, another hint of winter's passing. A lovely day ended in rain, with the stream in noisy spate.

When it cleared, salt hay was raked off roses. We measured the vegetable patch and found it now reduced to 30 by 68 feet. Three of us can live off that in abundance all the year round. At one time it was twice as large and far too much for summer picking and winter's freezer.

How by mid-March—though it is still raw and cold—the signs of spring do multiply! Treetops and branch tips were swollen, as we have said, and most of them red. Aspen catkins moved softly in the breeze. Mergansers, a duck and a drake, had come nest hunting above the mill. Cock pheasants were everywhere, ku-klucking brazenly. Killdeer whistled their plaintive call, as they do in spring. Liverwort and leucothoe flowered the same day. As the garden soil was turned, it showed a rich, moist brown—a sleek, wholesome color—though it asked for a touch of sun to dry it.

When we uncovered, partially, a bed of straw-banked new roses, they did not look too well. Later, most of them responded to spring and recovered. Four of them died; we never knew why. Baskets were lifted from our small boxbushes by the third week of March. Chickweed was pulled, at least some of it, from the site of the cutting row, already spaded. Permanent borders were uncovered, save for a light mulch. Holes were dug for twenty-four new raspberry canes. Beets and salsify were seeded in the garden—first vegetable seed planted this year.

On St. Patrick's Day, we planted two double rows of MAMMOTH EXTRA EARLY peas, part of a row of AMERICA spinach, PREMIER GREAT LAKES lettuce, CHERRY BELLE radish, two rows of yellow and white onions, together with six CUMBERLAND, six NEWBURGH and five LATHAM raspberries. It is not always that we can get first peas in so early, but the seventeenth is the traditional lucky day and we strive for it. In addition to the garden truck, we planted a mountain-laurel near the west terrace herb bed. *Anemone blanda atrocaerulea* blossomed in honor of the day—the exquisitely lovely Greek windflower. We never

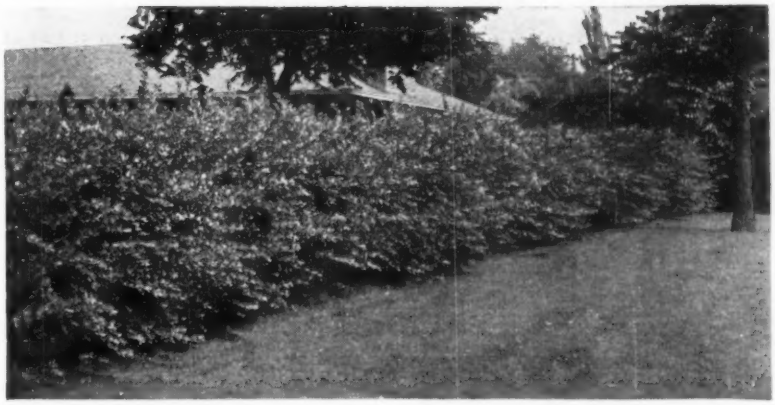
see enough of them, though each year in the fall we try to plant some fifty or so more of these little bulbs.

Old-fashioned roses, *Rosa gallica versicolor* and Damascus roses, were planted near the pink dogwood next to the kitchen. Sixty MARTHA WASHINGTON asparagus plants were put in as replacements in vacant places of our new bed. Heartsease was in flower, of course, as it is almost every month of the year, if we look for it. A LYNGOLD forsythia was sited near the farmhouse spring. It is a glorious sort. A sweet pepperbush was planted near the barnyard wall. Two St. Johnworts, (hypericum HIDCOTE) went in near the old birdbath. Our hollies and the cherry-laurels were given a good mulch of peat, as was the boxwood. A large English lavender bush was moved from its winter quarters in the cold frame to its permanent site in the herb bed. Chionodoxa had blossomed and so had periwinkle. We built a ramp over the sill at the sheep-pen door, for our young Suffolk lambs to climb. How varied are our chores, once we paused to list them, and what a delight we find in the doing!

A golden-chain tree (laburnum) was planted just west of the garden. A HEVER CASTLE butterfly-bush was planted near the so-called green bed. Each day some time was spent on shrubs and flowers, some on the young orchard, some on the sheep and about the farm, but more and more on the vegetable garden. IMPERATOR carrots, and one double row of FORDHOOK WONDER peas were seeded. Lenten-roses (*Helleborus orientalis atrorubens*) were in flower. So were the American elms and the maples.

The last week of March opened with more mourning doves in the lane. Wire screening was removed from the fruit trees. Dandelions—hardy souls—showed in the meadow, where they should not. Hepatica and rue anemone were thick in Melbrook wood. Spicebush was in flower near the orchard. We ran wires on the raspberry stakes. One double row of LAXTONIAN peas was planted, making five double rows in all. Also, a cluster of sweet-peas was got in. They did poorly. Several white pine and spruce saplings were moved to a permanent setting on the slope.

On the twenty-seventh, we put in



Gain Low Cost Privacy and Protection with Lovely

AMUR HONEYSUCKLE SCREEN

(Lonicera maacki podocarpa)

Now your home grounds can be screened from dust, noise, traffic, objectionable views and trespass with this delightful living fence of sturdy, vigorous Amur Honeysuckle at **amazingly low cost.**

Referred to as "Thanksgiving Honeysuckle" because of its profusion of bright red berries and forest-green foliage at Thanksgiving, when other shrubs are sere and bare. Fragrant flowers in late May.

Completely hardy and disease free. Never needs spraying. Thrives in sun or shade. A bushy plant from the ground up. Does not have a tendency to become "leggy." A perfect nesting haven for song birds.

Set plants 2 feet apart in a single row for hedge effect next summer.

Field-grown, vigorous plants 12 to 18 inches.

SPECIAL THIS AD ONLY

20 Ft. of Hedge (10 Plants)	$3.00
50 Ft. of Hedge (25 Plants)	7.00
100 Ft. of Hedge (50 Plants)	12.50

Prices prepaid from this ad only.

WRITE FOR FREE SALE CATALOG

We guarantee 100% satisfaction with all shipments or your money back.

FORREST KEELING NURSERY

Dept. F-39, R. F. D. 22, ELSBERRY, MISSOURI

Choose *Lawn Beauty*®

The only spreader with *prescription accuracy*

Spreads all lawn care materials in proven-perfect quantities

NO COSTLY WASTE!

Your Lawn Beauty Application Chart gives exact settings for all brands and types of lawn care materials. You simply check the chart, set the rate control dial and start spreading at exactly the correct rate—no more or no less than needed. All fertilizers and weed control materials are spread exactly as prescribed by experts.

This exclusive agitator...

makes the difference, giving you prescription accuracy. Wings on the revolving discs actually force feed material through adjustable ports in the easy-to-clean removable shutter. Guaranteed for the long life of your spreader, this agitator eliminates dumping and skipping. See your Lawn Beauty dealer today. He'll show why you'll always be glad you selected the Lawn Beauty Spreader!

FREE

APPLICATION CHART

Gives dial settings for over 180 lawn care materials. Just mail this coupon today.

SCHNEIDER METAL MANUFACTURING CO.

1802 South 55th Avenue, Chicago 50, Ill.

NAME.....

ADDRESS.....

CITY.....STATE.....

WATER LILY CATALOG IN COLOR

PROFUSELY ILLUSTRATED . . . COMPLETE DESCRIPTION OF WATER LILIES . . . VALUABLE DO-IT-YOURSELF IDEAS . . .

All Water Lilies Are Guaranteed To Bloom . . .

America's oldest & largest water garden specialists want you to have the most complete water lily catalog ever published. Individual water garden varieties and tropical fish start as low as 25¢. Complete lily pools also available. These include the popular Fiberglas Lily Pool—18 in deep, 3½ ft wide, 5½ ft long; comes with pink & blue water lily, 2 oxygenating plants, 15 fancy goldfish, 1 floating plant: $56.96 complete. A smaller favorite is the Tub Garden, a 24 in metal pool, 12 in deep, includes 2 shallow Water Plants & your choice of white, pink, red, yellow, changeable or Blue Water Lily: $7.80 complete. WRITE TO NEAREST OFFICE.

WM. TRICKER INC.

9315 Allendale Avenue, Saddle River, N. J.
(or)
9323 Tanglewood Drive, Independence, Ohio

BABY PLANTS!

AIR-MAIL To You

In a Proven Scientific Package!

Ready for you to raise for your garden!
Sturdy seedlings — scientifically grown!
F_1 hybrid Petunias — *guaranteed live delivery!*

SATELLITE—brilliant rose, white star
COMANCHE—scarlet red
LAPALOMA—large pure white flower
MAYTIME—soft pink, very large ALL-AMERICA WINNER
CRUSADER—rose and white variegated
BLUE MAGIC—deep, violet blue
PANORAMA SNAPDRAGONS—6 colors!

***Order now!* Will be shipped at correct planting time. Complete instructions furnished.**

Not less than 1 dozen of a variety

12 doz	—	$5.00
6 doz	—	3.00
3 doz	—	2.00
1 doz	—	1.00

Cash or money order to

BABY PLANTS INC.

Box G — Nucla, Colo.

a pussy willow, a Washington thorn and two cherry-laurels, where places had been prepared for them. Much of our planting is blocked out on paper a year or more ahead. Then we wait for the right season and the exigencies of the budget. Four fairly large cedars were moved down from the hill to our library corner. Five Persian lilacs, a gift from nearby Pippin Hill, were carefully replanted above the vegetable garden. Roses were partially uncovered where earth had banked them all winter. Near Skycastle we saw our first snake of spring in the lane. Yet it was really cold with a high wind. Pine needles shone like silver in the crystal air, whirling about like leaves. One wren box blew down and St. Francis was toppled from his shelter near the herb bed.

Lily-of-the-valley pips were scattered over and then dug in the myrtle along the drive. Eighteen English ivy plants were got in along the library wall. Eight flower pots on the west terrace wall were filled with fresh earth in preparation for April planting. Bone meal and manure were given an ilex bush—by some stupid blunder. These are two things that hollies do not need. Peat moss and acid soil, of course, are their real dish. Overhead, the Canada geese, white wedged on neck, still cut the sky, arrowing northward. Spring ploughing had begun on our fields and those of our neighbors, yet at dawn ice showed on the pools and puddles. Daffodils blossomed by the spring.

Chilly wind, sun and rain, how typically the month ended. Blue squills loved it. We planted primroses, English daisies, heartsease (pansies) and violas in the terrace borders. Bloodroots opened on the bank and in the wood. Winter jasmine, bless it, still flowered.

On the thirty-first, we put in five VALENTINE rhubarb plants. As light snow fell we took the opportunity to clean the lower barn. A pile of branches and tree limbs, collected from winter storms, was burned. At the martin house, high on its pole, starlings and sparrows strove for occupancy, though the shelters were far too small for the starlings. Last year it was the bluebirds, but never a martin. Why? A busy month, a wind and weather month, much done, much still for the doing. We loved it.◈

75 different ROSES, plus SHADE, FLOWERING and FRUIT TREES in COLOR in our Complete FREE Catalog. Write NEOSHO NURSERIES 934 College St., Neosho, Missouri

Over 100 Varieties Of

BELDT'S WATER LILIES

"Guaranteed To Grow"

MARLIAC TRIO (All Hardy)
White, Pink, Yellow — Postpaid **$6.00**
Thousands Buy From Us Year After Year
Complete Line of Lily Pool Supplies.
BELDT'S AQUARIUM, HAZELWOOD 1, MO.

BEAUTIFUL EASY-TO-GROW WATER LILIES

Free colorful catalogue tells how to make garden pools....grow lovely lilies....includes everything for the water garden—all at low cost! Write today!

S. Scherer & Sons
153 Waterside Ave.
Northport, N. Y.

Since 1907
Largest Growers of Water Lilies and Aquatic Plants on Long Island!

Fabulous LILY CATALOG

for hours of entertainment

48 pages—almost 200 varieties, including all the exciting new introductions. Tremendous "bulb collection" offers. Big money-saving values on every page. Bonus gift of a $1.00 lily variety with first $5.00 order from catalog.

25 LITTLE GARDEN PLANS

25 different professional landscape plans, adaptable to any size lot. Visualize and plan your garden like an expert. 25¢

ROMAINE B. WARE — *Lily Specialists Since 1927*

☐ Full Color Lily Catalog—25¢
☐ Please rush me 25 Little Garden Plans—25¢
☐ Send both for—35¢

NAME _____
ADDRESS _____
CITY _____ STATE _____

Romaine B. Ware Lilies

BOX 203 CANBY, OREGON

How to make a pygmy water-lily pool

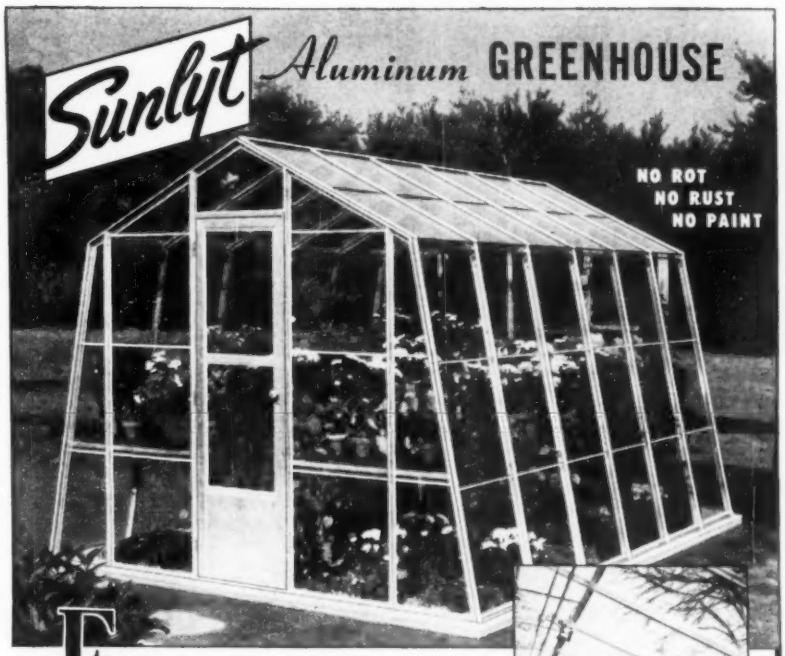
FOR little cost you can make a pygmy lily pond out of an oil or alcohol drum, or a vinegar or sauerkraut barrel.

Cut the drum or barrel in half horizontally. Wash out the two sections carefully with a good detergent to remove all traces of the original contents. Next dig a hole in the ground so that the container will fit and be level. Leave about 1 inch of the barrel or drum above the soil level to keep rain water from washing into the barrel from the surrounding soil. Clay tile, round or square, ordinary water pails or clay flower pots may be used as containers to hold the water-lily roots.

Because these miniature pools are too small to accommodate the large-flowered water-lilies, try these pygmy varieties: Hardy type—JOANNE PRING, rich pink; AURORA, rose-yellow to red; WHITE PYGMY, white, and YELLOW PYGMY, yellow. Tropical group—ROYAL PURPLE, rich purple; DAUBEN, light lavender-blue; PATRICIA, a lovely crimson, and COLORATA.

The plant containers are filled with a mixture of rich topsoil, preferably of a clay texture. To three parts of soil add one part well-rotted or dehydrated cow manure, which is obtainable at a dairy farm or nursery. Mix well. Fill to within 2 inches of the container top. Place water-lily roots so that the crown (point where leaves and roots join) is a bit higher than the top of the planter. Over the soil add a layer of sand at least 1 inch thick.

Arrange the containers inside the drum or barrel sections to suit your taste. Next, plant oxygenating plants in smaller tiles or pots. These plants serve the purpose of absorbing impurities and freeing oxygen, an action that keeps the water crystal clear and prevents the formation of algae, often referred to as green scum. Oxygenating plants grow completely beneath the surface of the water. Do not plant them in the

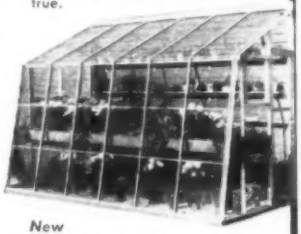


For year 'round gardening PLEASURE

In a sturdy, Aluminum *Sunlyt*, your plants are at comfortable bench height, up where you can see and tend them without back-breaking bending or squatting. It's a gardener's dream come true.

There is nothing that can give you more gardening pleasure, all year 'round, than a life-time, *Aluminum* greenhouse equipped with automatic heating, automatic cooling and automatic ventilating. You can indulge in your favorite hobby *any time you please* . . . rain or shine . . . propagating, hybridizing or growing anything you like, whenever you like.

AND . . . when winter comes with cold blustery winds out-of-doors, picture yourself in the tropical warmth of your sparkling, glass enclosed *Sunlyt* . . . thoroughly enjoying the shirtsleeve comfort of a "climate controlled" garden. You'll be surrounded by the luxuriant foliage and colorful blooms of your favorite African Violets, Begonias or the delicate sprays of exotic Orchids.



New **LEAN-TO SUNLYT** 6 feet wide, 6, 12, and 18 feet long, from $350. Benches and heating extra.

NEW, INEXPENSIVE SUNLYT, Jr.

This 6' x 8' rustproof, metal and glass model can be yours for less than $10. a month on 3-yr. Pay Plan.

Send for our complete catalog, it lists and illustrates all models of prefabricated, easy to assemble, automatic "climate-controlled" *Sunlyt* and *Orlyt* greenhouses. See the many handsome, maintenance-free *Aluminum* and glass greenhouses . . . prices start at about $400. Costs may be budgeted as low as $15. a month on our No-Money-Down, 3-yr. Pay Plan.

Write for SUNLYT and ORLYT Catalog 26-3

Name _____
Address _____ Zone _____
City _____ 26-3
State _____

LORD and BURNHAM
IRVINGTON, N.Y.

"EVERYTHING FOR THE LILY POOL"

Beautifully illustrated in actual color photos of Ansco color and Kodachrome. Complete information on tubs, concrete pools and ponds. Shows our full lines of exciting Water Lilies, Lotus and Fancy Goldfish. Plant our new lily creations and make your pool the envy of your neighborhood. Our lilies are available in all colors of the rainbow.

SLOCUM WATER LILIES ARE GUARANTEED TO GROW!

Write for *FREE* 1959 Catalog today!

SLOCUM WATER GARDENS

Dept. F-3 950 Front Street
Binghamton, New York

COLORFUL, CAREFREE POOL BEAUTY

starts with Ramuc® Enamel

Proved in more than 22,000 pools. Goes on easily. Won't powder, blister, flake. Gives tile-smooth finish that lasts for seasons. Natural rubber-base; fade-resistant; wide selection of pastel colors. Write for free, beautiful 32-page "Handbook on Painting Swimming Pools"—contains valuable pool care tips, items of interest to every pool owner. Be sure you include pool dimensions, type of paint now used.

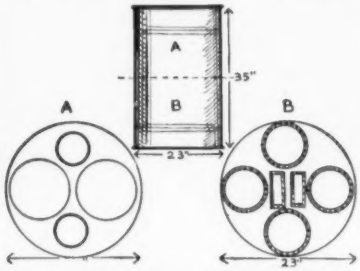
INERTOL CO., INC.

476 Frelinghuysen Ave.,
Newark 12, N. J.
27-H South Park,
San Francisco 7, Calif.

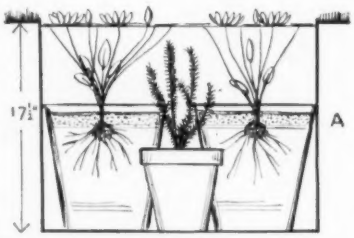
same container with water-lily roots.

Some of the generally available oxygenating plants include waterweed *(Anacharis canadensis)*, eelgrass *(Vallisneria americana)*, waterfeather *(Myriophyllum proserpinacoides)*, arrowhead *(Sagittaria graminea)*, fishgrass *(Cabomba caroliniana)* and *Ludwigia Mulertti*.

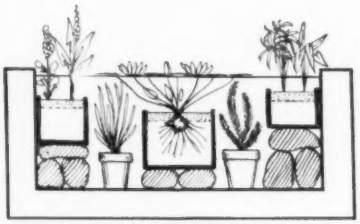
DRAWINGS FOR FLOWER GROWER BY ALLIANORA ROSSE



Drum or barrel can be cut in half as shown to form two pools. View looking down shows two suggestions for placing plant containers in the pool.



This pygmy barrel-pool contains two clay pots of water-lilies plus two smaller pots of oxygenating plants.



Large water-lily pools can be made of concrete. Most water-lily catalogs give construction directions.

Hardy water-lilies should be planted from 6 to 12 inches below the surface of the water. Tropicals do best at from 6 to 8 inches deep. Oxygenating plants should be set 12 to 15 inches below the water level. The pools should be in a position where they will have the sun all or most of the day. Be sure to keep the pool full of water. Once you have had success with one of these miniature lily ponds you will probably want a large one for the large-flowered varieties—JOHN KRILL

transform sickly house plants to luxuriant greenness!

REPLANT WITH **NPI** planter mix

EXCLUSIVE ALFALFA COMPOST gives house plants "new life" BOOST. Balanced Ingredients. Easier to use. INSTANT WETTING. AT YOUR GARDEN DEALER
Nutrilite Products, Inc.

HOUSE PLANTS

Over 600 varieties, new and old, including beautiful, rare exotics, are offered and described in our NEW ILLUSTRATED CATALOG (25¢ per copy). Complete cultural instructions also make this a valuable reference.

Barrington Greenhouses

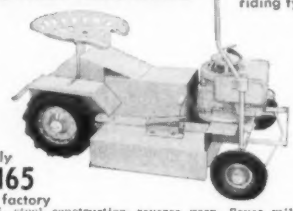
Box 85F Barrington, N. J.

WATERLILIES

The loveliest of all flowers that can be grown at home. Exquisite jewel-like colors. Nearly every bloom reaches perfection. Easy to grow in tub, pool or farm pond. Write today to nearest office for your free copy of new, colorful 1959 catalog.

THREE SPRINGS FISHERIES
839 Main Road, Lilypons, Maryland
Box 971, Dept. 839, Worcester, Mass.
Box 508, Dept. 839, Salisbury, N.C.
Box 315, Dept. 839, LaGrange, Ga.
Box 147, Dept. 839, Batavia, N. Y.
Box 2283, Dept. 839, Tampa, Fla.

ROTARY MOWERS 22" riding type



only **$165** at factory

ALL steel construction—reverse gear. Saves miles of walking. Many attachments available, cultivator, snow blade, etc.

DEALERS WANTED
WRITE TODAY—for additional information
HALGOLMAR CO.
905-7 E. Main, Cherryvale, Kansas
warehouse stock in OHIO and state of WASHINGTON

Tub Garden Special

$4.00 POSTPAID

1 Water Lily
State Choice of Color
Red — White — Pink
Yellow or Apricot
2 Water Poppy
Water Grasses
Water Snails

VAN NESS WATER GARDENS
UPLAND, CALIFORNIA

WATER LILIES

FREE CATALOGUE
Pool Building & Planting Instructions
VAN NESS WATER GARDENS
Closed Sundays — 2460 N. Euclid Avenue
UPLAND, CALIFORNIA

GARDENER INDOORS

The Home Greenhouse

by VICTOR GREIFF

MARCH IS THE MONTH when the greenhouse does most for the year-round gardener. The days have lengthened, the sun is stronger, the load on the heating system is lighter and the indoor climate is almost perfect. Plants of many kinds respond at the same time to produce a colorful show—forced bulbs, annuals, begonias, flowering shrub branches and amaryllis.

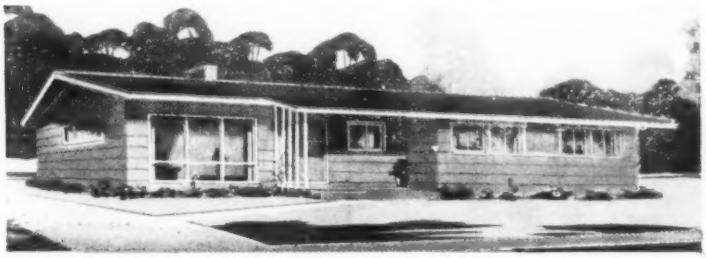
Similar motivation drives throngs to rush through the unpredictable (or predictably miserable) March weather to the spring flower shows. Through their doors lies spring in full bloom. The dirt gardener looks at each exhibit as possibly his and imagines it in his greenhouse. A crab-apple tree in full bloom may get a second look but since it would grow to the roof of his greenhouse he passes it by. But for anything choice that could conceivably fit into his tiny glass domain he has a covetous eye, a pencil and notebook. Perhaps he will get more information about a plant from some of the garden club and plant society members that contribute their time to these shows. The motivation of these volunteer groups is not understood by the uninitiated outsider. Having participated, one learns the thrill of creation, preparation and showman-like readiness for opening day. Added to this is the satisfaction that comes from spreading information, answering questions till feet and vocal cords tire—a true gardener's pleasure.

Cut flowers and pot plants exhibited by commercial growers are always subjects of keen competition and are often the standards which the amateur strives for. He goes home with a balanced charge of hope and discouragement, full of plans for a better and fuller year-round garden.

Our gardener goes home to think of approaching summer and prepare for it. He may sow some seeds of the cold-loving perennials in flats which will soon be moved to the cold frame. Many of the tender annuals will also be started where they can be given bottom heat from an electric cable. Usually handled this way are double petunia, verbena, dahlia, tithonia and lobelia.

The joy of the really cool house this season comes from the fragrant feathery acacias or wattles as they are called in their native Australia. There seem to be innumerable varieties of these but most compact and vigorous is *Acacia armata*. The dark green phyllodes (flat expanded petioles that fulfill the function of the leaves) are closely spaced. One edge is straight and held close to the stem while the other edges, somewhat wavy, give the branch the appearance of a thick cattail. Out of these grow the fluffy yellow balls characteristic of this plant. It requires only to be kept above freezing in winter plus ventilation, rather than heat, at the season when it flowers.

Outside once more into bleak March we are indeed thankful for our little glass house that makes so much possible.◈



ALADDIN
READI-CUT
HOMES
from $3,000 to $10,000
WE PAY THE FREIGHT

Highest quality— choice of 115 Modern Floor Plans

Noted for Highest Quality

Famous for Best Construction

Prices that Save You Money

During the past 53 years Aladdin has sold more Readi-Cut Homes than any other pre-cut manufacturer—in all 49 states and 38 foreign countries. Today, thousands of these homes are as sound and livable as they were 50 years ago. The reason:—High Quality Material plus Sturdy Construction. You enjoy Economy, too, through Aladdin's tremendous Buying Power and Advanced Manufacturing Methods. And you can save up to 30% on labor by doing all or part of the work yourself. More than half of our customers build their own Aladdin Homes. All material is precision cut in our mill — ready to use. Easy-to-read blueprints and special instruction book simplify every step. Aladdin offers the latest designs — 5 to 8 rooms — Colonial, Ranch, Cape Cod, Split Level, and 2-Story. Mail coupon today for beautiful "Book of Homes".

BUILD YOUR OWN HOME
ALADDIN
home owners have saved up to
$5,000
using our Readi-Cut materials

Mail to THE ALADDIN COMPANY, Bay City, Michigan
I enclose 25c. Send me your "BOOK OF HOMES" L-19

NAME _____
STREET _____
CITY _____
ZONE _____ STATE _____
PLEASE PRINT NAME AND ADDRESS

BEGONIAS
Harrold's Pedigreed
AMERICAN GROWN
TUBERS
SEEDS PLANTS
America's Most Complete Line
CATALOGUE 10¢ stamps or coin P. O. BOX 29-FL
HARROLD'S GRANTS PASS, OREGON

The Best in House Plants
BUELL'S
Hybrid
GLOXINIAS

Sturdy, healthy plants that will produce a profusion of large blooms for months—will bring beauty and color to your home year after year.
PLANTS—in 2¼" shipping pots. Assorted colors only—no choice. 2 for $1.85; 6 for $4.75; 12 for $8.50. $1 ea. ppd
AFRICAN VIOLETS—over 200 varieties including the newest introductions plus the old favorites, offered in our catalog.
FREE CATALOG on Gloxinias, African Violets, seeds, leaves, books, soil, other house plants from America's leading hybridizer. Write for your copy today!
ALBERT H. BUELL
DEPT. F-93 EASTFORD, CONN.

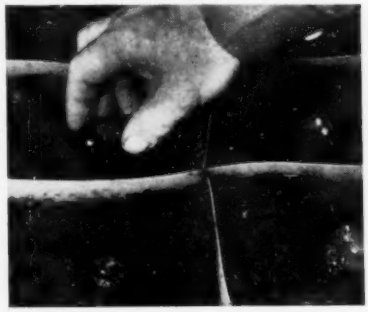
Start TUBEROUS BEGONIAS early!

by JOHN J. SIMPKINS

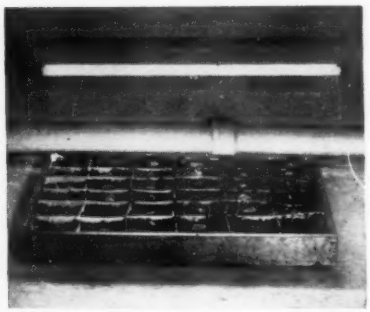
TUBEROUS BEGONIAS offer a striking touch of elegance to the shady summer garden. The large flowers are truly nature's mimics—they come in shapes resembling camellias, carnations and roses. New for 1959 is the BALLERINA strain, which is a cross between the camellia and carnation types.

To be sure of bountiful bloom throughout the summer months, tuberous begonias should be started indoors about six weeks before the last killing frost. Plant them in a spot where they will be protected from hot afternoon sun. Keep them well watered, especially during the dry months.

PHOTOGRAPHS FOR FLOWER GROWER BY JOHN J SIMPKINS



Start tuberous begonias in moist peat moss, half burying the tubers. Compartments in flat are optional.



Place flat in basement where it will receive some light—natural or artificial—and a temperature of 70°.

When growth reaches 4 inches in height, which may take three to six weeks, the plants are ready for potting.

Use fairly large pots—those 6 inches in diameter are ideal. Use care not to break roots or leaves.

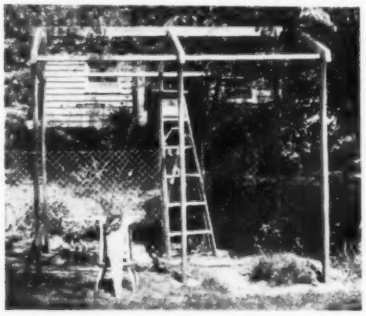
When plants are a foot or so tall, they should be staked, as the shoots are very brittle and break easily.

A choice home for tuberous begonias is a lath house. See page 99 for details on making a lath house.

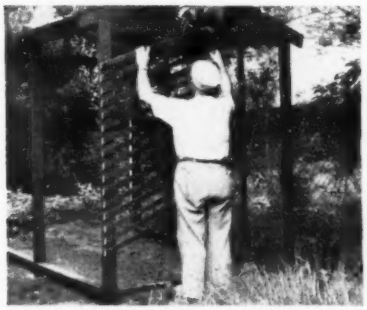
A lath house for begonias

AN IDEAL PLACE for growing tuberous begonias and other shade-loving plants is in a lath house. The structure can be as simple or ornate as the owner desires—the size would of course depend on the size of the garden. In any case, it is simple enough for anyone to build.

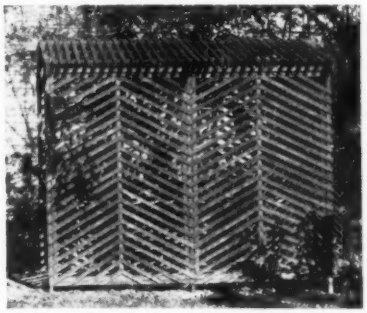
PHOTOGRAPHS FOR FLOWER GROWER BY JOHN J. SIMPKINS



The basic framework of this 8 by 5-foot lath house was made of 2 x 4's. Uprights were anchored in concrete.



Laths, spaced one lath apart, were painted before being cut to size. Galvanized or aluminum nails were used.



The finished house has one end open for easy access in and out. Plants are grown on shelves and in beds.

ENJOY OUTDOOR LIVING AT HOME

The nicest room in your home right in your back yard!

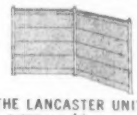
Habitant Fence gives you complete privacy for family picnics and lawn parties, and provides a natural background for lawns and gardens. Factory fabricated in standard length sections of long life Michigan White Cedar. Special length sections necessary to custom-fit your lot line included at *no extra cost!* Habitant Fence is easily installed with no muss or fuss — and there are fourteen popular styles.

PLANNING A NEW HOME . . . YARD . . . OUTDOOR LIVING ROOM? Send $2.00 for unique Habitant Plan-A-Yard model kit with full assortment of scaled units, trees, shrubs, walk, house and lawn and "Idea" Catalog. Or send 25c for full color "Idea" and specification catalog and name of your nearest Habitant dealer.

If it doesn't have this tag it's not genuine Habitant!

12 NEW DECORATIVE YARD UNITS $19.95 up delivered — now at your Habitant dealer.

THE PENROSE UNIT frames a corner garden



THE LANCASTER UNIT screens a driveway

Habitant Fence

HABITANT FENCE, INC., BAY CITY 13, MICHIGAN

ONCE MORE! THIS OFFER REPEATED BY POPULAR DEMAND!

Field-Fresh! Everblooming Plants!

12 ROSE BUSHES only $2.95! POST PAID

GUARANTEED TO SATISFY OR MONEY REFUNDED!

NOW AT PLANTING TIME we bring you an outstanding offer in 2 year old, field-grown EVERBLOOMING hybrid Rose Bushes ! ! ! We select for you 12 monthly blooming rose bushes from the following varieties: President Hoover (Tu-tone), Countess Vandel (Tu-tone), K. A. Victoria (White), Ami Quinard (Dark velvety red), Eclipse (Gorgeous yellow), Better Times (Glorious red), Red Radiance (Bright red), Talisman (Tu-tone), Crimson Glory (Velvety crimson), P. S. DuPont (golden yellow), Pink Radiance (Luscious pink), Poinsettia (Christmas red), Blaze (Climbing red) and many other famous varieties!

A RIOT OF COLOR! MONTHLY BLOOMING! These fine roses will DAZZLE your garden with lovely blooms all Spring and Summer! Many roses in this group regularly retail at $1.00 each! This is the stock reduction sale you've been waiting for. DIRECT FROM THE NURSERY to YOU! SUPPLY LIMITED—ORDER TODAY FOR BEST SELECTION!

GUARANTEE

IF YOU ARE NOT MORE THAN PLEASED WITH THESE FINE ROSE BUSHES, RETURN THEM AT ONCE & YOUR MONEY WILL BE CHEERFULLY REFUNDED!

IMPORTANT

RECENTLY MANY MAJOR ROSE NURSERIES HAVE BEEN FORCED TO RAISE THEIR PRICES . . . BECAUSE OF AN INCREASE IN POSTAL RATES FOR ROSE BUSH DELIVERY. WE WILL TRY TO MAINTAIN THIS PRICE BUT THIS OFFER MAY BE WITHDRAWN IN 10 DAYS. MAIL THE ORDER COUPON TODAY!

FREE COMPLETE PLANTING INSTRUCTIONS AND HANDY GUIDE ON HOW TO GROW BEAUTIFUL ROSES ENCLOSED WITH EACH ORDER.

ORDER COUPON

The Davie Rose Co. Box 1114-F Tyler, Texas

YES! I want to take advantage of this TERRIFIC ROSE OFFER! I understand that if I'm not more than pleased, I can return the plants at once and YOU WILL REFUND MY MONEY!

Please RUSH me by Return Mail ..... ROSE BUSHES! Order only in multiples of 12 at $2.95 for each 12 roses .....

NAME .....

PLEASE PRINT

STREET .....

CITY ..... STATE .....

WHEN WANTED .....

Check One: ☐ Payment Enclosed. Send My Roses POSTPAID! ☐ Send COD—I'll Pay Postage and COD Charges.

Perma-Nest

TOPS FOR STARTING

SEEDS, SLIPS AND BULBS

Perma-Nest Plant Trays

See How They Nest

Don't start your seeds and slips in junk or soggy wood flats. Perma-Nests never harbour bacteria because they have crystal-hard surfaces that are instantly washable to their original soft lustre. Cost less than wood flats because they last for years. Bonus advantages are—perfect nesting and light weight for multiple carrying and minimum storage space. Tested and purchased by over 100 Gov't and University Botanicals. Over ½ million in use.

Six Sizes—Grey or Light Green

22 x 11 x 2¾" — 2 for $3.50 • 4 for $6.95 • 6 for $8.95

8 x 12 x 2¾" — 3 for $1.75 • 6 for $2.95 • 12 for $5.50

8 x 8 x 2½" — 3 for $1.45 • 6 for $2.50 • 12 for $4.50

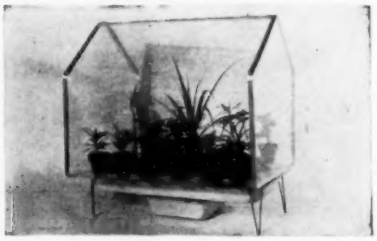
4 x 8 x 2½" — 6 for $1.45 • 12 for $2.50 • 24 for $4.75

Combination offer one of each 4 sizes—$2.95

Bulb Pan — 15x13x4" ..... **$1.95 ea. 3 for $5.50**

Graceful Long Planter ..... **$1.50 ea. 3 for $4.00**

CRYSTAL-LITE INDOOR GREENHOUSE



2 Ft. Long, 2 Ft. High, 18 Inches Wide

Ideal humidity and automatic "sunshine". Brings the most sensitive seedlings and plants to full bloom even without daylight. Orchids, Begonias, Gloxinias, African Violets. Beautiful center of attraction in any room. Rewarding indoor hobby. Excellent for apartment dwellers. Crystal-clear, folding Bakelite vinyl top on polished aluminum frame. Fibre glass wicks provide perfect root watering from 2 pint reservoir. Greenhouse complete as pictured—$13.95. Fluorescent light (fits inside greenhouse)—$8.95. Automatic Timer for light—$8.95. See Timer and Light below.

MOISTRITE FLUORESCENT KIT

2 Ft Long x 1 Ft Wide

For automatic Sunshine and Moisture that seedlings and plants love. MoistRite Kit under light is a 2 ft long x 1 ft wide rust proof tray set in a black iron stand. Fibre-Glass wicks supply moisture from a 2 pint reservoir—$4.25. Handsome light stand adjusts from 13" to 26" high. Single tube—$10.95, double tube—$12.95 with tubes. Flu. Light with MoistRite Kit—$13.95 and $15.95.

Growers Supply Co.

Box 2211 Ann Arbor 5, Mich.

Please add 10% for postage.

Spotlight on RHUBARB

by PATTI ALTLAND

RHUBARB has long been one of our family's favorites, so with a patch of six vigorous plants sprouting forth that early spring day, we had more than plenty to fill our needs. In fact I found it necessary to look for some new and unusual methods of preparation so we wouldn't tire of it. The first of these recipes is a rendition of a dessert I had made many times with apples but had never thought of for rhubarb.

RHUBARB CRISP

Place 4 cups diced rhubarb in a well-buttered baking dish. Mix together and place on top of the following:

1 cup quick-cooking oatmeal
¼ cup flour
¾ cup brown sugar
¼ teaspoon salt
⅓ cup soft butter
¼ teaspoon cinnamon
¼ cup of finely chopped pecans may be sprinkled over top. Bake 30 to 45 minutes at 350°. Serve warm, top with whipped cream.

This next is an interesting recipe and would be ideal to serve at a springtime garden club luncheon get-together. It yields ten to twelve servings.

RHUBARB SLICES

Pastry:

2½ cups all-purpose flour
1 tablespoon sugar
1 teaspoon salt
1 cup shortening
1 egg yolk, plus enough milk to make ⅔ cup

Filling:

1 cup crushed Hi-Pro or Special K cereal flakes
1 tablespoon flour
3 tablespoons sugar
5 cups rhubarb, diced
2 cups sugar
3 tablespoons butter
½ teaspoon cinnamon
½ teaspoon cloves
2 tablespoons flour

Pastry preparation: Sift flour, salt and sugar into bowl. Cut in shortening until coarse crumbs are formed. Mix in egg yolk and milk, using as little liquid as is necessary to form a stiff dough. Turn two-thirds of dough onto floured surface and roll into a rectangle to fit a 9 by 13-inch

Raise Gourds..

FASCINATING!

A WONDERFUL HOBBY or BUSINESS... LEARN ABOUT GOURDCRAFT! IT'S A PROFITABLE MANUFACTURING BUSINESS THAT WILL DELIGHT YOU! COMPLETE PORTFOLIO INSTRUCTIONS and SEEDS: ONE DOLLAR •

Joycrafts

P.O. Box 186 Covina, Calif.

AFRICAN VIOLETS

NEW VARIETIES $1.50 each postpaid. Beau Brummel, Dorothy Gray, Matchmate, Masquerade, Pink Amour, Dbl. Rosewing, Ember Dream.

SPECIAL OFFER: 6 popular varieties $4.50 postpaid. All different. Send for free new 1959 list.

VOLKMANN BROS. GREENHOUSE

4742 Denton Drive — Dallas 19, Texas

Schreiner's AMERICA'S IRIS HEADQUARTERS

IRIS LOVER'S CATALOG
60 full color pages, with over 100 superb illustrations 25¢

SCHREINER'S GARDENS
Rt. 2, Box 297-R, Salem, Oregon

HANGING BASKETS, Planters and Tubs in handsome California Redwood!

TUBEROUS BEGONIAS: NEW!

Seasoned and hardy GIANT TWO YEAR tubers for the ultimate in quality!
Double Camellia — Ruffled — Picotee

Write for free color brochure!

GREEN MOUNTAIN GARDENS, INC.

P.O. Box 667D, Calistoga, California

CARROLL GARDENS

FREE Spring Catalog

Your Guide to Better Gardening

NOW READY!

Features the newest and best perennials, Roses, Bulbs, Shrubs, etc. in Full Natural Color.

CARROLL GARDENS, Westminster 1, Maryland

BLACK LEAF 40

The Rose Growers' Friend. Kills aphids, thrips and similar sucking insects. Permits full development of healthy foliage and the most perfect rose blooms. Leaves no harmful residue. Write for FREE Lawn & Garden Maintenance Guide. Dept. G-3

Black Leaf Products Co.
6147 N. Broadway, Chicago

LOOK FOR THE Black Leaf ON THE PACKAGE

AZALEAS 3 for 1.00 postpaid

12 to 18 inch plants
Ideal for House Plants or Garden. Guaranteed.

RAINBOW NURSERY Ft. Walton Beach, Fla.

50 CANADIAN HEMLOCK $12.95 POSTPAID

For true grace and beauty. These sturdy, well rooted 3 yr., 8" to 12" plants are ideal for background or hedge in sun or shade. Shear to desired height. *Write for Free Evergreen Catalog*

MUSSER FORESTS Box 7-C Indiana, Pa.

DWARF FRUIT TREES

Ideal for home gardens, require little space, full sized fruit, begin fruiting 2nd or 3rd year. Enjoy delicious fruit from your own trees. We have dwarf peach, apple, pear and new North Star cherry. Also new grapes, berries, nut trees, fruit trees, blueberries, strawberries, shade and ornamental trees. Miller's color catalog FREE.

J. E. MILLER NURSERIES
907 W. Lake Rd., Canandaigua, N. Y.

FREE ILLUSTRATED CATALOG

60 Pages. How, Where & When to select, plant & care for

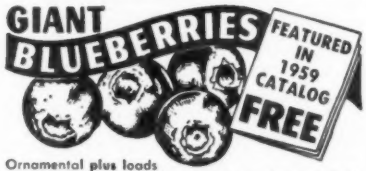
ESPALIER TRAINED FRUIT TREES

Distinctive Beauty — graceful, carefully-shaped trees.
LUSCIOUS, FULL-SIZED FRUIT—delectable varieties you can't buy in a store.
THEY REQUIRE LITTLE CARE
IDEAL for LANDSCAPING. Plant Palmette Verriers (illustrated) or Fan-shaped alongside house or wall — Horizontal Cordons at the border of garden.

AMERICA'S LEADING GROWER
Also Dwarf Fruit Trees

Write Today—Dept. W
HENRY LEUTHARDT
Port Chester • New York

GIANT BLUEBERRIES



FEATURED IN 1959 CATALOG FREE

Ornamental plus loads of juicy flavorful berries. Newest varieties including bearing-age plants . . . NO WAITING! Bargain prices also on fruits, evergreens, roses, shrubs.
ZILKE Bros. Nursery, Box 5, Baroda, Mich.

Amazing Discovery!
STARKRIMSON DELICIOUS

Apple Sensation of the Century! BIGGER crops — often 2 years SOONER. "Standard" and "Dwarf" Trees are sold ONLY by Stark Bro's.
U.S. PL. PAT. 1568

New! Stark Bro's FRUIT TREE & LANDSCAPE CATALOG FREE

See How You Can Grow Your Own delicious Fruits, Grapes, Berries!
See dramatic difference between Stark Exclusive Leader Varieties, including Sensational New STARKRIMSON DELICIOUS Apple, and ordinary nursery stock. Mail COUPON below for the BIG 56-page FREE CATALOG picturing STARK Apples, Peaches, Cherries, Pears, Plums, Grapes, Berries, Shade Trees, Shrubs, Roses—in living color!

MAKE MONEY
Check Coupon for Free Sales Kit—Make extra money in your spare time!

STARK BRO'S Nurseries & Orchards Co.
DEPT. 739 - - LOUISIANA, MISSOURI

STARK BRO'S Nurseries, Dept. 739, Louisiana, Missouri
Rush new Edition of COLOR CATALOG . . . FREE!
Name _____
Address _____
P.O. _____ Zone _____ State _____
☐ CHECK HERE for Money-Making Outfit.

pan on bottom and sides. Place dough in pan, patting it down well in corners. **Filling:** Mix together crushed cereal flakes, 1 tablespoon flour and 3 tablespoons sugar. Sprinkle over pastry. Place rhubarb over cereal mixture. Mix 2 cups sugar with remaining listed flour and spices. Sprinkle over rhubarb and dot with butter. Roll out remaining pastry, cut in several places and put over rhubarb. Rub edges with cream and seal. Bake for ten minutes at 450°, then lower heat to 350° for another twenty minutes. While it is still warm, frost with a thin icing made of confectioner's sugar and boiling water.

Now, how about a tangy chilled dessert to set off a roast lamb or baked ham dinner?

RHUBARB SHERBET

- 2 lbs. rhubarb
- ½ cup water
- 1 package unflavored gelatin
- ½ cup cold water
- 1 tablespoon reconstituted lime juice
- 1½ cups sugar
- ¼ teaspoon salt
- a few drops red food coloring
- 2 egg whites

Set refrigerator at coldest position. Cut rhubarb into 1-inch pieces. Place in ½ cup water, in saucepan; cook gently until tender. Put rhubarb and juice through sieve or ricer. Should make 2½ cups of pulp; if short add water. Sprinkle gelatin over cold water to soften. Stir gelatin into hot sieved rhubarb. Mix in lime juice, sugar, salt and food coloring. Pour into refrigerator tray and freeze till firm 1 inch around edge. Beat egg whites stiff. Remove slightly frozen mixture to bowl and beat with electric beater until mixture is a smooth mush. Gently fold in whites. Spoon mixture back into refrigerator tray and freeze until firm. Serves six.

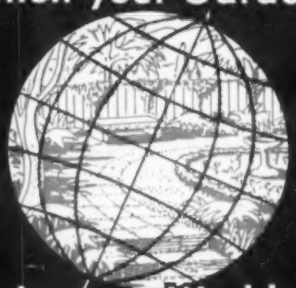
Another very special rhubarb dish comes to mind at this time. It really hits the spot anytime of the year —in the spring or summer, fall or winter—and is especially nice to accompany duck or capon.

MOLDED RHUBARB-CRANBERRY SALAD

- 1 lb. diced pink rhubarb
- 1 No. 2½ can crushed pineapple
- 3 cups sugar
- 1 cup boiling water
- 1 package orange gelatin
- 1 pound cranberries
- 1 seedless orange

Combine rhubarb and pineapple in saucepan and bring to boil. Add sugar and stir constantly till sugar

When your Garden



is your World

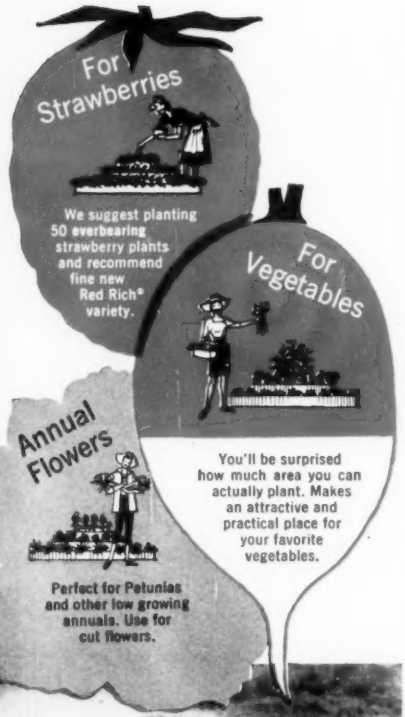
PROFESSIONAL GROWER SAYS:
"Ideal Orchid Food."— N. W. Curson Orchid Co., Oakland, California. Also used and recommended by Vetterle & Reinelt, world renowned hybridizers of Tuberous Begonias, Capitola, California.
HOME GARDENER SAYS:
"Used ATLAS and had cabbage, peas and tomatoes sooner than my neighbors. Also used ATLAS to set out new rosebushes. By second application, roses were in bud — and produced gorgeous blooms."

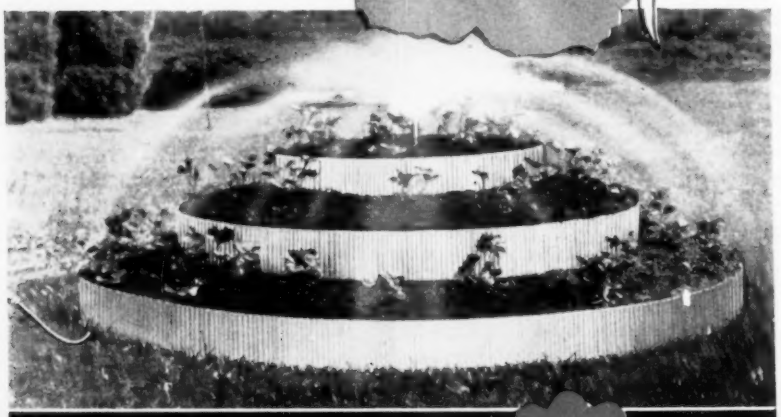
It's the "original" fish emulsion. 200 lbs. fish condensed in every gallon. So concentrated a little goes a long way. Economical. 100% organic. Non-burning. Used by nurserymen to get plants off to a fast healthy start. At dealers everywhere. If not available, we will ship direct. (See coupon)

GARDEN FOLDER OFFER ALL SIX FOR 10¢
Enclosed find 10¢ to cover costs of mailing and handling. Please send the following folders. (please check). ☐ Roses ☐ Begonias ☐ African Violets ☐ Fuchsias ☐ Camellias, Rhododendrons, Azaleas ☐ Chrysanthemums.
To order ATLAS FISH EMULSION DIRECT, please check below. (Garden folders free with any order.)
☐ pint $1.00 ☐ qt. $1.90 ☐ gal. $6.25 postpaid
☐ Check Encl. ☐ Money Order Encl.
PLEASE PRINT:
NAME _____
ADDRESS _____
CITY _____ STATE _____
Keep it Green with Atlas FISH EMULSION
ATLAS FISH EMULSION FERTILIZER CO.
No. 1 Drumm St., Rm. 201, San Francisco 11, Calif.

enjoy PYRAMID® gardening this easy space-saving way!

A complete garden in a six foot circle . . . the easy pickin' Pyramid way. Corrugated aluminum bands form three terraces. Complete sprinkler unit connects to garden hose. Do it yourself instructions.





NEW PYRAMID® complete sprinkler included $9.95 postpaid

For sale at leading nurseries and garden stores — or write to JUDSON NURSERIES, Inc. Bristol, Indiana for name of your nearest dealer

FRUIT TREES, STRAWBERRY, RASPBERRY AND BLUEBERRY PLANTS

Bountiful

Dwarf apple trees on Malling 1, 2, 7, 9 stock. Nut and Shade Trees, Grape Vines, Flowering Shrubs, Evergreens. Over 80 years experience growing and supplying complete line of nursery stock direct to planters. Satisfaction assured — prices reasonable. 60-page illustrated catalog and planting guide sent free - Write

BOUNTIFUL RIDGE NURSERIES
Box M-39, Princess Anne, Maryland

PEACH APPLE TREES LOW AS 20¢

Cherries, pears, plums, nut trees, strawberries, blueberries, dwarf fruit trees. Grapevines 10¢. Shrubs, evergreens, shade trees, roses 25¢ up. We offer the newest blight-resistant pear introductions. Flowering crab and cherry. Quality stock can't be sold lower. Write for FREE color catalog and $2.00 FREE bonus information.

TENNESSEE NURSERY COMPANY
Box 19 Cleveland, Tennessee

GET ACQUAINTED OFFER!

HEAVY BEARING, FAST GROWING BLUEBERRIES

Certified, early, mid-season, late varieties. FREE LITERATURE. Wholesalers, write for prices.

Special 12 Large Assorted Plants $6.98

GALLETTA BROS.
153 Chew Rd. Hammonton, N. J. Largest in N.J.

DOES TOUGH JOBS WHILE YOU RIDE!

PLOW • DISC • MOW • TILL

COUNTRY SQUIRE TRACTOR

A high priced tractor made especially for farms and suburban acreage. Cultivate, Rake, Harrow, Plant, Bulldoze, PLOW SNOW, Spray, Saw, Maintain beautiful lawns (pulls 3 mowers). Over 20 quick change implements. Safe to operate even for 10 year olds. 9 hp. All gear drive. 8 W 4 speed transmission, clutch, differential, 770 lbs. Uses regular automotive parts. Easy, economical to maintain. Low cost. Ready to drive. 100% Satisfaction guaranteed. Thousands in use.

Write for FREE CATALOG TODAY!
COUNTRY SQUIRE TRACTOR CO.
P.O. Box 107-D3 Muskego, Wis.

dissolves. Remove from heat. Dissolve gelatin with boiling water in large bowl. Add rhubarb-pineapple mixture. Mix well. Put cranberries and orange through medium blade of food grinder. Add to gelatin mixture and pour into mold. Chill until firm. Unmold and serve with lettuce and mayonnaise dressing.

Since rhubarb and strawberries are Mother Nature's first spring vegetable and fruit offerings, we oftentimes find the two combined into treasured taste-tempting treats. Some of the rhubarb recipes described on these pages may seem new and bold, but here is an old, time-tested, New England favorite:

RHUBARB-STRAWBERRY PRESERVE

4 cups rhubarb, cut into small pieces
8 cups sugar
2 quarts strawberries, washed and hulled

Sprinkle sugar over rhubarb and allow to stand for twelve hours. Then bring quickly to a boil. Add strawberries to rhubarb and boil until thick. Stir frequently. Pour into glasses and seal with paraffin.

Now for a recipe that will indeed make spring last longer. It's simple to make and your friends won't believe that you did it yourself.

RHUBARB WINE

4 lbs. rhubarb, cut into very fine pieces
1 lemon, cut fine, without peeling
4 quarts boiling water
2 teaspoons almond extract
Combine above ingredients and allow to stand for three days
3½ lbs. sugar
1 yeast cake dissolved in small amount of water
Allow to stand for two days, then add 1 envelope of pure unflavored gelatin

Put juice into jars or crock, cover tightly, age for 3 months. Bottle and seal. Serve in small portions.◈

Patti Altland lives in Minneapolis, Minn., with her husband and three small sons. Her interest in gardening, she says, is "of recent origin and became most intense four years ago when we had our home built." She is a member of the Minnesota Gladiolus Society and has received awards for her flower arrangements entered in gladiolus shows. She likes to cook unusual dishes and has taught her family to appreciate everything from Swiss chard to bok choy, with and without her imaginative embellishments.

The Kitchen Gardener

by ANNANELL C. JUBB

ONE OF THE PLEASANT discoveries of last year, introduced by Inter-State Nurseries, was the new strawberry, OGALLALA. Such a name! Indian no doubt—but the way I pronounce it, it sounds like a turkey gobbling. But name or no, these are real strawberries. FLOWER GROWER's John R. Whiting and Margaret C. Ohlander both raved to me about this variety which they tasted on their visit last summer to Shenandoah, Iowa. And flavor is not OGALLALA's only boasting point. This cold Michigan area always has a late frost which nips the blossoms of June-bearing strawberries—especially in the gardens of improvidents like me who cover and uncover every night except the frosty one. Well, now it won't matter. OGALLALA can take it. Even when the top blossoms are frosted, others quickly take their places. They were the first ripe fruit in my plot, and the last berries were picked November 8. This on plants set out in April!

Incidentally, experts point out that early spring planting lets the plants get 'situated' and off to a good start. It will be interesting to see how OGALLALA compares with RED RICH this year. Seems to me everbearers are the answer to a small-plot gardener's prayer. They take no more space than June-bearing varieties but produce fruit for four or five months rather than for a week or ten days. The newer varieties have a lot of fruit in June, then continue to produce usable amounts until hard freezes. This means that fewer fruits need to be preserved, thus releasing that expensive freezer space for more seasonal crops. Then, too, if you have never eaten it you have no concept of how delectable a strawberry shortcake is in October. Gives one a feeling of kingly elegance. Don't overlook the other

NEW from INTER-STATE NURSERIES,
Hamburg, Iowa

America's most delicious New Everbearing Strawberry

"Ogallala"

Without doubt the finest everbearing Strawberry we have ever tasted

26 years in development, this marvelous HYBRID was created by Dr. A. C. Hildreth, and Dr. LeRoy Powers of the U. S. Department of Agriculture, Cheyenne, Wyoming, Horticultural Station and Mr. Glenn Viehmeyer of the Univ. of Nebr., North Platte Experiment Station. Ogallala was selected from almost 50,000 different seedlings.

Ogallala* combines all the sweetness and rich flavor of the wild strawberry with the size and productiveness of the best named varieties

*Ogallala is a Sioux Indian name

INTRODUCTORY SPECIAL
20 PLANTS ONLY $2.00 Postpaid
SATISFACTION GUARANTEED

The highest yielding Everbearing Strawberry in the 1957 tests at Iowa State College, producing 11,680 quarts per acre.

Never before has a Strawberry created such a sensation!

Words cannot describe this delicious New everbearing Strawberry. A brand new home garden variety, a top, high yielding HYBRID, created by crossing the Rocky Mountain Wild Strawberry and the highest quality named varieties. Strong, extremely hardy plants which produce loads of real sweet, delicious, large, rich red berries. The fruit is red all the way through. Ogallala is unequalled for eating fresh, freezes well and makes super excellent preserves. These plants will produce more and more new plants this year which means more and more fruit. Under normal conditions, you get 20 quarts of berries from 20 plants THIS summer and fall. Next year plants will bear spring, summer and fall. You'll love it. We guarantee it. Shipped at proper planting time.

BE SURE TO ORDER NOW — BUY DIRECT FROM THIS AD

FREE 1959 SPRING NURSERY CATALOG

84 colorful pages of money-saving values—over 1,000 guaranteed items. Featuring the All-America Roses, Gladiolus, Mums, etc.

Send card, letter or coupon for your personal copy.

INTER-STATE NURSERIES — America's Largest Direct-to-You
1329 E. ST. HAMBURG, IOWA

☐ FREE 84 page Nursery Catalog ☐ 50 for $3.95
☐ 20 Ogallala Strawberry Plants $2.00 ☐ 100 for $6.95

NAME _____
ADDRESS _____
CITY _____ STATE _____

In April: Wonderful, wonderful onions!

GROW MORE QUARTS OF STRAWBERRIES IN 60 TO 90 DAYS IN A 5 FOOT AREA

PYRAMID STRAWBERRY GARDEN

NEW! STRONGER CORRUGATED ALUMINUM

Adds interest and beauty to your garden. Produces a bigger crop of berries in less time.

SPECIAL! 5 foot diameter pyramid with 50 SUPERFECTION Everbearing Strawberry Plants. Only $10.95 ppd.

PYRAMID GARDEN without plants. Only $8.95 ppd.

Ogallala NEWEST...BEST STRAWBERRY

★ EVERBEARING ★ LARGE, RED, SWEET ★ EXTRA HARDY ★ HIGH YIELDING ★ FREEZES, PRESERVES WELL LIMITED QUANTITY! 25 OGALLALA PLANTS $2.25 ppd. Order Now! Send Check or Money Order!

MINNETONKA NURSERIES
Dept. F-3 EXCELSIOR, MINNESOTA

STRAWBERRIES

Allen's 1959 Berry Book tells best varieties for home and market, and how to grow them. *Free copy. Write today.*

W. F. ALLEN COMPANY
12 Evergreen Ave., Salisbury, Maryland

RED BARBERRY HEDGE-100 for only $8.95

2-yr. heavy plants 12 to 18" 100 feet of colorful hedge, very hardy, shears well. Postpaid at planting time.

FREE EVERGREENS CATALOG

MUSSER BOX 7-C INDIANA, PA.

Order Direct from This Ad

STRAWBERRIES

50 Plants 25 Premier 25 Robinson Not Prepaid $1.00

Order early. One bargain per customer. Write for our FREE catalog full of bargains in plants, trees, etc.
Ackerman Nurseries, 221 Lake St., Bridgman, Mich.

It's READY!

Write Today For Your FREE CATALOG

Big 1959 issue of Rayner's famous berries and other planting stock. Illustrated, colorful, packed with tips on successful planting.

GROW BETTER STRAWBERRIES

A book with all details on the famous Eastern Shore Strawberry Plants . . . virus-free and bred for bumper crops. Also Blueberries, Raspberries, Fruit, Nut and Shade trees . . . all best varieties described, with planting and culture directions. Write for your FREE copy—NOW!

RAYNER BROS. INC., Salisbury 50, Md.

extendable fruit, red raspberries. TAYLOR, INDIAN SUMMER and SEPTEMBER are all everbearers, in a sense. INDIAN SUMMER produces two crops, in July and in October, rather than being everbearing. TAYLOR performs in the same manner for us, although others have had more continuous production from it. The variety SEPTEMBER is truly everbearing, continuing until hard freezes. Maybe the luxury of out-of-season fruit is responsible but it seems that both the strawberries and the raspberries picked in late fall have a more pronounced flavor. If you have any garden space for these fruits I urge you to try the everbearing varieties.

Just writing of them makes me hungry for strawberries, so let's raid the freezer and make something super. Strawberry mousse? O.K. Here's how:

- 1 package frozen strawberries (12 oz. commercial pack or 1 pt. home pack)
- 1 egg white
- ½ cup whipping cream

Thaw berries and drain thoroughly. Heat juice to boiling and cook two minutes. Beat egg white until very stiff, then beat in the boiling syrup. Allow to cool, then partially freeze. Keep drained berries in the coolest part of the refrigerator while preparing the egg white mixture. Whip cream until soft folds appear, but not until it is stiff. Fold berries and whipped cream into egg white and syrup mixture and freeze. Makes 1½ pints. You may substitute raspberries with equally delicious results. Wouldn't either be scrumptious for Easter dinner?◈

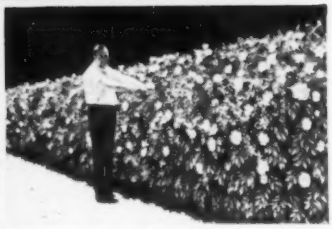
●

Book Club Selection for March

The American Garden Guild Book Club selection for March is the new book by Ruth A. Matson, *Gardening for Gourmets*. It tells how to have fresh vegetables, herbs and small fruits all summer long, without having a jumbo-sized vegetable garden. Also included will be comparative values of various crops, how to prolong the growing season and how to protect against early frost.

FLOWER GROWER hopes to bring you excerpts from *Gardening for Gourmets* in the May issue.

LIVING FENCE



Greetings from Red Robin Farms...

From this beautiful valley I ship thousands of Living Fences each year. My Red Robin is blooming month after month in thousands of homes (actually, more than one hundred thousand homes) in many climates, in many kinds of soil. They're beautifying just about every kind of home from small homes on city lots and larger country homes right up to million-dollar movie star estates.

But best of all, I think you'll find your Living Fence is a happy fence. Of the thousands of letters of appreciation I get each year, one I enjoy most is from an elderly woman in Oregon, who wrote that one of the things she like best about the Red Robin Living Fence is that it makes friends of neighbors.

I'm so convinced that your home and my Red Robin Living Fence were meant for each other, I'm making you a very special offer. If you'll order now I'll send you extra plants for promptness. For each 10 plants you order I'll send an extra plant. For example if you order 50 plants (enough for 75 feet of Living Fence) I'll add 5 plants . . . enough for an additional 7½ feet at no added cost!

Thanks for letting me talk to you for these few moments!

Sincerely,

Ben Ginden

YOUR QUESTIONS ANSWERED ABOUT LIVING FENCE PLANTS:

Q *Does your Living Fence need much trimming?*
A No. Trim the new growth back a few times to get thick, heavy growth. Then trimming once or twice a year will give you a neat hedge.

Q *How far apart should they be planted?*
A Plant 18" apart for landscape or garden use. For quick small-animal proofing plant 12" apart.

Q *Is it disease resistant?*
A And how! Many people don't spray them at all.

Q *Will it grow in the desert? The mountains?*
A Yes. In hot desert country (with irrigation), in mountain weather below zero, the Living Fence thrives.

Q *How much sun does it need?*
A Don't plant in dense shade as it should have at least 4 or 5 hours sun a day.

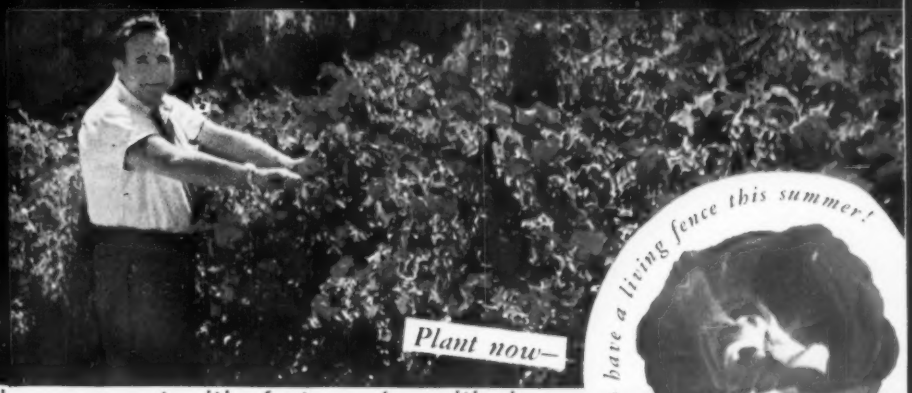
Q *Can I plant in fall? In winter? In spring?*
A Yes to all three.

Q *Is the Red Robin a new, un-time-tested rose?*
A Far from it. Its botanical name is Gloire Des Rosamanes. It is one of the magnificent Bourbon roses and was introduced about 1825 by the great French hybridizer, Vibert. While other roses have come and gone, Red Robin by virtue of its superior qualities of growth and color has endured. It is generally classified as one of the ever-blooming Hybrid Chinas.

Q *Can I buy Red Robin anywhere else in the country?*
A No. Red Robin is grown in my own fields under my personal supervision and is copyrighted by me.

no matter where you live . . .

you too can have a LIVING FENCE like this . . .



We are thoroughly satisfied with our living fence. Have received many compliments.
Mrs. P. A. Stevenson, St. Louis, Mo.

Some of my roses are 6 ft. tall—just over a year old. They are everything you claim.
Mrs. Ray McManus, Arlington, Tex.

This is June 20th. I planted the hedge Mother's Day. It has grown 15" and is in bud.
Mrs. H. W. Nugent, Monroe, Mich.

it's beautiful • it's permanent • it's fast-growing • it's low cost

Living Fence

now protecting over 100,000 homes across the country

IT'S BEAUTIFUL! *be the proud owner of America's most beautiful fence . . .*

A living wall of lush green foliage covered with glorious richly scented magnificently red roses for month after month after month. Many consider it one of the most beautiful fences that money can buy. Yet it is so tough, so hardy it thrives in every state in the union. If you plant now . . . this summer you'll have a beautiful Living Fence exploding into full bloom month after month. In some sections Red Robin never stops blooming. Folks tell me they've picked up to a thousand deeply scented gloriously red blooms from a single Red Robin plant in one season! And these are the fabled roses botanically known as Gloire Des Rosomanes, noted for their rich damask fragrance.

IT'S PERMANENT! *thrives in even the poorest soils!*

Thousands and thousands of my Red Robin Living Fences are in year-round use all over America. Red Robin is adapted to a wide variety of soil and site conditions. It needs no support. Its strong, deeply-foliaged growth is upright, unlike the sprawling old fashioned multiflora. It will grow as high as you like. You may have a low, handsomely shaped ornamental hedge 3 or 4 feet high. You may prefer a higher hedge of 5 feet to keep children and pets in . . . and strangers out. Or you can enjoy a full six-foot living wall of lush, green foliage bursting with hundreds of roses along every foot of this sturdy barrier. A full six-foot living fence will give your home the privacy of a country estate, shutting out noise, wind, and intruders. Yet it is so beautiful your neighbors will enjoy it as much as you.

IT'S FAST GROWING! *up to 4 feet high in a few short months!*

Your Red Robin plants never see the inside of a hothouse. Each plant is field grown, hardy. Ruggedness is bred into every plant to make Red Robin thrive through winters, hot dry summers. My men plant the cuttings directly in my own fields under my supervision. When they are ready for shipment they are trimmed back to hold in all the strength and growing power of the sturdy plant. A specially developed packaging method delivers them to you fresh, moist, in perfect growing condition. Just plant them and watch them grow. In a few short months you'll have a vigorous, trespass-proof fence, bursting with fragrant red roses. Forget the usual fence upkeep costs when you plant Red Robin. This friendly fence mends itself, repaints itself month after month with a fresh coat of green foliage and countless red blossoms.

PLANT THIS SPRING!

The earlier you plant Red Robin Living Fence the earlier you'll enjoy beautiful fragrant Red Robin roses. Red Robin plants are hardy. Withstand sudden temperature drops, grows rapidly in all kinds of soil. This summer your plants will be bursting with bloom, growing so fast folks will say "you can almost see them grow!" Enjoy Red Robin Living Fence this summer—Use coupon for "FREE BONUS PLANTS."

surround your home with beauty and protection for as little as 12¢ a foot!

SEE how fast RED ROBIN grows!

This fence was planted in January 1955. I took this picture of my wife in July 1955. It's already covered with fragrant red blooms just a few months later.

and here's the same Red Robin fence just 9 months later . . . in April 1956.

MY PERSONAL DOUBLE GUARANTEE:

FIRST—I'm certain that when your Red Robin plants arrive you'll be completely satisfied . . . but if for any reason you are dissatisfied, return them at once and I will gladly return your money in full.

SECOND—In fact, I'll go even further. If any of your Living Fence plants fail to grow, for any reason, I will replace them FREE OF CHARGE!

Airmail reaches us overnight

GINDEN NURSERY CO., DEPT. C, SAN BRUNO, CALIFORNIA

I want your FREE BONUS OFFER: Enclosed find check, draft or money order for $_____ for which send me bonus offer checked below—All charges prepaid together with simple planting methods and your double guarantee.

- ☐ 10 plants (for 15 ft.) 4.95 plus 1 free!
- ☐ 25 plants (for 40 ft.) 8.95 plus 3 free!
- ☐ 50 plants (for 75 ft.) 13.95 plus 5 free!
- ☐ 75 plants (for 112 ft.) 19.95 plus 8 free!
- ☐ 100 plants (for 150 ft.) 22.95 plus 10 free!
- ☐ 250 plants (for 375 ft.) 52.38 plus 25 free!
- ☐ 500 plants (for 750 ft.) 97.50 plus 50 free!

Name _____

Address _____

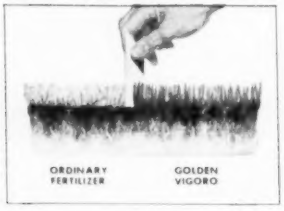
City _____ State _____

Please ship on or about (date) _____

THE ONLY LAWN FOOD!

Lawns are to live on. If you really love your lawn feed it New Golden Vigoro.

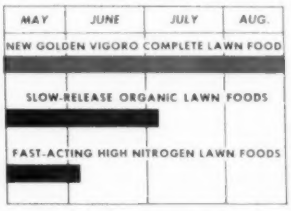
WON'T BURN



Easy To Use

New Golden Vigoro ends forever the danger of unsightly plant food burn on your lawn. Needs no watering-in.

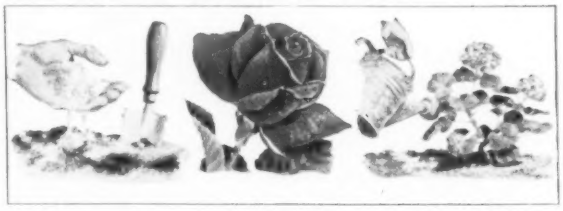
FEEDS LONGER



Outlasts all others

Grass clipping tests show Golden Vigoro feeds weeks longer than equivalent amounts of other plant foods.

FOR EVERYTHING ELSE YOU GROW



Vigoro Complete Plant Food

Pink granules for working directly into soil for flowers, vegetables, shrubs.

Vigoro Rose Food

Perfect balance of nutrients for prize-winning roses. No extras needed.

Instant Vigoro

Gentle-as-dew liquid feeding for transplants, potted plants and lawn feeding.

FOOLPROOF NEW GOLDEN VIGORO

- *Won't burn even if applied double strength to wet grass . . . and you don't have to water it in. (The U.S. Patent proves it)*
- *Gives grass everything it needs except sun, air, and water*
- *Feeds your lawn for weeks after other lawn foods have given out*
- *Builds thick, springy turf, a more vigorous root system*
- *And you don't need a textbook to get expert results*

Even a weekend "yard man" can get professional results with New Golden Vigoro. It's the only foolproof complete lawn food.

It won't burn—ever!

You can apply New Golden Vigoro any time of the day, year or season . . . to any kind of lawn. *It won't burn.*

You can use it before or after the grass has started to grow. *It won't burn.*

Apply it double strength to wet grass without watering-in—and *it won't burn.*

Proof is in U. S. Patent #2,827,368, March 18, 1958—New Golden Vigoro is the *only* complete, nonburning plant food. Every ingredient is nonburning. It's the one plant food that can't be copied.

It eliminates guesswork. Two short sentences on the bag tell you everything you need to know to use it.

One feeding with New Golden Vigoro gives your grass every nutrient it needs from the soil except air and water.

It feeds up to four times longer than other plant foods fed at equivalent rates.

Put it on once and it keeps feeding your lawn for weeks after other lawns have started to starve.

New Golden Vigoro feeds the roots deep in the soil, not just the top. Builds the rugged root system you need for a turf that's springy under foot.

And it's so economical, too. You see, it's *all* plant food—contains no filler.

Spreads evenly in any make of spreader Just set it to spread 10 to 20 lbs. per 1000 sq. ft. on good soils . . . 30 lbs. per 1000 sq. ft. on average soils. And get set to enjoy a lovely lawn all season.

Now at supermarkets, too.

Get New Golden Vigoro at your favorite store, garden-supply center or supermarket. At down-to-earth prices.

Vigoro is a trademark of Swift & Company

My, how things grow with

VIG...VIG...VIGORO

Be sure you plant these

SWEEPSTAKES WINNERS !

If you have wished to grow roses of blue-ribbon quality, here are two of America's most dependable prize-winners. At show after show across the country, they have been taking top honors with their lovely blooms of perfect form and color. Both are highly rated at 8.0 or better. Both are Gold Medal Winners. Both are easy to grow. Order them today, plant on arrival and enjoy their bounteous blooms this very summer!

PINK FAVORITE

Most highly rated of all pink hybrid teas with a score of 8.5. Grows 3' to 4' tall with huge 5" to 6" blooms of deep rich pink that seem to burst from its luxuriant coat of glossy green foliage. Highly disease-resistant. One of the easiest of all roses to grow.

$2.50 each, 3 for $6.60

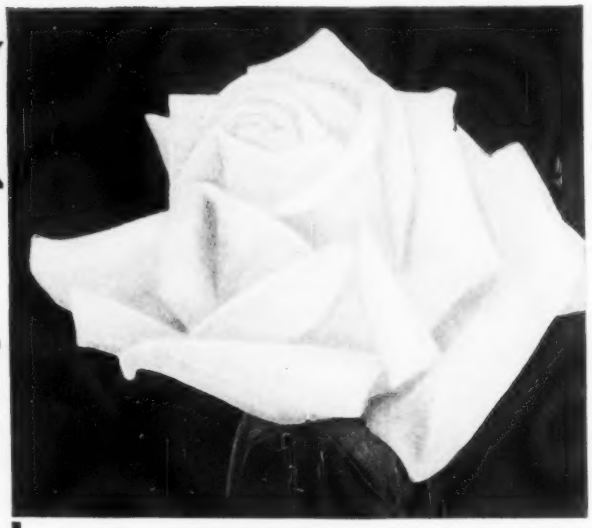
BURNABY

One of the largest of all yellow hybrid teas, this spectacular performer has been a prize-winner in both the U. S. and Europe. Huge blooms of rich empire yellow come in abundance and hold their color well until senescence.
Pl. Patent 1314

$2.50 each, 3 for $6.60

Leading rose dealers sell P&D Roses

Both for only $5.00 POSTPAID



Rush your order TODAY for prompt delivery

PETERSON & DERING, Rose Growers
Box 475-F, Scappoose, Oregon

Enclosed find $ _____ (Check or M.O.). Please ship immediately:

_____ PINK FAVORITE ($2.50 ea.; 3 for $6.60) ppd.

_____ BURNABY ($2.50 each; 3 for $6.60) postpaid

_____ COMBINATION OFFER (Both for $5.00 ppd.)

Name _____

Address _____

City _____ Zone _____ State _____

Peterson & Dering
ROSE GROWERS

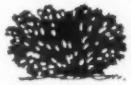
OREGON'S BEST SOURCE OF GOOD ROSES

FINE EVERGREEN
JUNIPERS
3 FOR $1 See Quantity Prices Below
LOW-GROWING, IDEAL FOR RANCH TYPE HOMES

Excellent value in plants that offer year-round beauty, steady growth, long life. Already spreading 6 to 12 inches, full-branched, well-shaped, field-grown. All are low, wide, spreading types, especially suited to low houses, informal groupings, bank coverings. Look good trimmed or untrimmed.

HETZI, often called Blue Pfitzer, spreading but more upright than Pfitzer

ANDORRA, creeping variety, blue-green


SABINA, newer bright green spreader, grows 30" high, 4' spread

SPECIAL! For $2 and this ad, get 7 junipers: *two each* of above three, PLUS one ball-shaped (J. Stricta) Greek Juniper FREE! Double orders allowed. For each $1 worth ordered, send 10¢ to help cover shipping. Or will send C.O.D. Ask for free 48-page hardy plant guide and spring catalog.

BUY PLENTY AT THESE LOW PRICES
25 Trees your selection.....$ 6.25
50 Trees your selection.....$12.00
100 Trees your selection.....$20.00
For each $1 worth ordered, send 10¢ to help cover shipping. Or will send C.O.D.

ROCKNOLL Nursery Dept. 15 Morrow, Ohio

SHADE PLUS DELICIOUS NUTS
NUT TREES
LISTED IN 1959 FREE CATALOG
Bushels of nuts from one tree. New improved varieties — disease free. English and Black Walnut, Pecan, Chestnut, Hazelnut, Butternut. Also Everbearing Figs, Persimmon trees, Mulberry, Quince, Paw Paw trees. Write
ZILKE Bros. Nursery, Box 10, Baroda, Mich.

Introducing the NEW
HAHN MODEL 66
16" ROTARY TILLER
Today's Highest-Quality Low-Priced Tiller!
GUARANTEED ONE FULL YEAR!

Even a child can till or cultivate tough soil with a light, ideally balanced HAHN Tiller! Many plus-value features such as: easy-to-reach controls; self-sharpening, double-end tines (work 6" deep); belt-drive — spring-tension idler; extension tines to 24" and furrower attachment, optional. Model 77 also available for extra-rugged service on larger tracts.

AS LOW AS $119.95

WRITE NOW FOR COMPLETE DATA ON TODAY'S TOP-VALUE TILLERS and MULTI-JOB TRACTORS!

HAHN, INC. DEPT. FG-39 EVANSVILLE 12, IND.

A new approach to gardening without soil

FOR SOME YEARS, one of the chief projects of the experimental gardener has been hydroponics—growing plants in the absence of soil. In theory, it is a very simple procedure, consisting of growing plants in a more-or-less sterile material and supplying the necessary growing nutrients in a liquid form.

In the past, it has been difficult for the home gardener to secure the soluble chemicals, and the inert growing material was cumbersome and also at times out of reach of the amateur.

A recent experiment in hydroponic gardening in a penthouse garden in New York City has opened the way to more successful soilless culture by amateurs. The big dif-

PHOTOGRAPHS BY L. L. BAUMGARTENER

A keg sawed in half made the container for this winged euonymus.

The vegetables are in a peat-perlite mixture with crushed stone on top.

GIBBERELLINS
Amazing Plant Growth Stimulant
MAKES PLANTS GROW TO GIANT SIZE
...makes seeds germinate faster—
...breaks dormancy—
...flowers are bigger—
...peps-up transplants!

Wonder-Brel
contains GIBREL*
Truly Phenomenal Results!
The use of WONDER-BREL can cause dramatic results, such as beautiful, long-stemmed roses with more buds, on many varieties. Many plants grow faster, mature earlier. Size and bulk are greatly increased. Blooms are heavier, yields are higher. Grasses grow faster, more luxuriantly than with fertilizer alone. Flowering time is advanced. Seeds are produced earlier. Dormancy is broken. Transplants are not set back. Fruit-set is improved.
*T. M. Merck & Co., Inc.

In ready-to-use Aerosols (Two Sizes) also in Economical Liquid Concentrates

Aerosols
6 oz. Houseplant size .....$ 1.25
15 oz. Giant size 1.98

Liquid Concentrates
4 oz. Makes ½ gallon .....$ 1.00
8 oz. Makes 1 gallon 1.75

Professional Concentrates
8 oz. Makes 2 gallons .....$ 3.00
32 oz. Makes 8 gallons 10.00

SPRAY Plants with "Wonder-Brel" and FEED with "Garden-Life" for really glorious results!

Gives Vibrant Life to Everything that Grows!
GARDEN-LIFE
Soluble PLANT FOOD
- for the biggest and best flowers you ever had!
- for the finest, tastiest fruits and vegetables!
- for superior, more beautiful lawns, shrubs, trees!
- for faster growth . . . bigger, more luxuriant plants!

GARDEN-LIFE is a high-analysis (10-52-17) all-soluble plant food plus a root-developing hormone. GARDEN-LIFE is completely and instantly soluble. All plants fed with GARDEN-LIFE respond very rapidly; NEW GROWTH IS VISIBLE IN A VERY SHORT TIME!

Perfect for Transplants . . . Established Plants . . . Lawns . . . Trees

FREE Regular 20c Garden Measure Glass in every $1.00 & up size of GARDEN-LIFE.
Accurately calibrated in teaspoons, tablespoons and ¼ oz. measures. A great help in measuring "just right" amounts of INSECTICIDES, WEED-KILLERS, HORMONES, etc.

Economical! A Little Goes A Long Way!
14 oz. (makes 14- 28 gallons).....$1.00
2 lbs. (makes 32- 64 gallons)..... 2.25
5 lbs. (makes 80-160 gallons)..... 4.50

SCIENCE PRODUCTS COMPANY, Inc.
1230 E. 63rd St., Dept. F-39, Chicago 37, Ill.
(Write for FREE Literature)
Take this ad in to your dealer. If these products are not available at your dealer, order direct from us. Results Guaranteed or Your Money Back! (no stamps, no C.O.D.'s please.)

In April: A small vegetable garden

Look Ladies!

STANLEY PRUNER $3.25

this pruner was made for you!

This Stanley Pruner has eye appeal and feels good in your hand.

Rugged and sharp-edged, it also has several designed-for-the-ladies features that make it easy to use. For example:

1. The spoon shaped top handle fits your palm with full contact and has a soft pad-like feel under cutting pressure.

2. The open handles can be spanned by your hand without the strain of a full stretch. Yet the cutting is crisp and quick.

3. The touches of color—Stanley yellow on the handle and bright red on the Sta-put catch—make this pruner a bright assistant to happy gardening.

See the new matched line of Stanley Lawn and Garden Tools at your hardware store or garden center.

Pruners from $1.95 to $3.25
Grass Shears from $1.95 to $3.25
Hedge Shears at $5.50
Lopping Shears at $5.50
Grass Cutters from $1.75 to $2.75
Lawn Rake at $3.15
Shrubbery Rake at $1.65

Stanley Tools,
Division of The Stanley Works,
New Britain, Connecticut

STANLEY®

Send for your FREE pruning guide

Stanley Tools, Dept. 5103
New Britain, Conn.

Yes, I'd like a copy of the Stanley Pruning Guide. Please send mine to

Name .....

Address .....

City ..... **Zone** .... **State** .....

Weekly feedings keep the castor bean-wisteria-ivy combination flourishing.

ference is in the inert growing medium. For the first time on any large scale, the plants were grown in a mixture of equal parts of Perl-lome and peat moss. Perl-lome is the trade name for the horticultural grade of perlite, which is an expanded lava rock.

Peat moss, as we all know, has the capacity for holding a great deal of moisture. So, too, does perlite—it has been estimated that it will hold three to four times its own weight in water. The combination, therefore, gives the proper moisture about the roots and still gives the necessary aeration.

As to the second part of hydroponic gardening—the nutrients—this, too, has become more available to the home gardener. There are many brands of soluble fertilizers on the market today which will supply all the necessary nutrients in liquid form.

When setting up your experiment, be sure to use a container of sufficient size—large flower pots for annuals and perennials and perhaps wooden tubs for trees and shrubs. Since the peat moss may be of an acid reaction, it is advisable to add lime to the mixture at a rate of about 1 pound per bushel of mix.

Add nutrient solution once a week in place of a regular watering. Since the perlite-peat moss mixture holds a great deal of moisture, the need for watering will be at a minimum. As the plants grow you will be able to see if your nutrient mixture should be made stronger or weaker.

This is the real experimental part of the project. Don't be too disappointed if at first results are not the best—in time you will find the right combination.◈

New RO-FEEDER

Spreads 2-inch band of any type fertilizer, and mixes with soil . . . as fast as you walk!

Makes regular feeding easy . . . helps increase size and yield of fruits and vegetables. Flowers are bigger, more colorful. Handles all granular or ground plant foods.

Eliminates the stooping and "scratching in" of hand feeding. Just walk along and Ro-Feeder spreads uniform 2-inch band. Stops feeding when wheel stops. Adjustable cultivator. Corrosion-proof transparent tube holds 5 pounds of fertilizer, shows supply at all times. Offset feed allows close placement. Sturdily-built of rust-proof materials.

ORDER BY MAIL
Money-back guarantee
$14.95 Postpaid

PETER SEYMOUR
4446 Gaywood Drive • Hopkins, Minnesota

UNUSUAL & RARE
SEEDS FROM ALL OVER THE WORLD

The most fascinating hobby of your life! Grow amazing plants, exotic flowers, unique foliage from seeds gathered from the four corners of the world. Jungle plants, rare flowers from the arctic circle. Educational, interesting, profitable.

Send 10¢ for sample packet and FREE CATALOG
JAMES & CO., LIMITED { SEEDS PLANTS
P.O. BOX 71, BEDFORD HEIGHTS, OHIO

TANGLEFOOT TREE PAINT

. . . with effective fungicide. Protects pruning cuts and injuries against weather, decay, pests, infection.

The TANGLEFOOT CO.
314 STRAIGHT AVE., S. W.
GRAND RAPIDS 4, MICHIGAN

ESHELMAN TRACTORS LOW AS $99

BAKES • PLOWS • CULTIVATES • SAWS DOZER • HARROWS • HAULS • MOWS • CUTS SPRAYS • ROLLS • TILLS • SNOW-PLOW

WRITTEN GUARANTEE

Eshelman Tractors, Tillers, Riding Rotary Mowers for Better Lawns and Gardens. Advertised in GOOD HOUSEKEEPING. Thousands of satisfied users. Write for Free Literature.

Illus. Model $449.00

Dept. 66, ESHELMAN, Balto. 2, Md.

Your Own ODORLESS FERTILIZER FACTORY

ActivO

activates compost, energizes and **CONDITIONS SOILS**, makes fertilizers more efficient. Just mix with waste material (compost) or with fertilizer, mulch, seed, etc., or dig-in or spray-on soil. Sizes $1.39 to $29.95. Prepaid $6.95 size treats 2 tons compost, 6500 lbs. fertilizer, mulch, etc., or 32-400 bushels seed.

Garden Cupboard, Box 61-F, Terre Haute, Indiana

Better tools for better soil

by WILLIAM L. MEACHEM

This is the third in a series of articles on better tools for better gardening. In future issues there will be articles on tools for a healthy garden, watering, special purposes, fall gardening and indoor gardening. Next month's article will be on tools for better lawns.

ARTHUR HEITZMAN

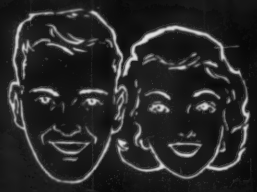
THE QUICKEST WAY to better gardening—and one of the surest ways—is through better soil. Over and above everything else, good soil is responsible for getting the best out of the plants you grow whether it be thousands of individual grass plants in your lawn or the specimen trees and shrubs in your foundation planting.

Good soil starts with its preparation—but it doesn't end there. Very few of us are blessed with perfect soil when we embark on our gardening ventures. Almost every soil must be tilled and amended at the outset—often every year—and maintained throughout the season.

A small garden tractor has been the means for better soil in many gardens by providing the proper tillage and mixing of amendments throughout the upper layer of topsoil—especially in those gardens that are too large to do by hand and too small for regular farm equipment. There are two basic types of small tractors—one is the rotary tiller which churns up the soil by means of chopping tines and the

Gardening is more fun with TRUE TEMPER® tools

You and your wife will actually feel the difference in True Temper tools. Each one is designed to make gardening and lawn care easier, more fun for the whole family. For instance:



New power-flex action rakes heaviest litter better

Feel how the chrome-plated steel-spring brace stiffens flex action on this heavy-duty rake... makes litter easy to handle without damaging grass roots. The straight edge gets you close to walls and fences. No. SL22.

$3.69*

Light for ladies

A smaller shovel for women – or anybody's light digging. Takes the dirt in less-tiring small bites. True Temper's fire-hardened ash handle is comfortable and splinter-free. A must for your wife, and you'll use it for small jobs. No. HGL.

$3.55*

New serrated cutting edge

Four sharp teeth per inch give this hoe amazing bite in all soils and chop right through tough weed roots. No hoe made works faster or easier ... it's the first improved garden hoe design in years. No. TO6-1/4.

$3.50*

*Slightly higher West

It's tool-up time® at your neighborhood hardware and garden supply stores ... drop in and see the complete line-up of work-saving True Temper garden tools now.

TRUE TEMPER® THE RIGHT TOOL FOR THE RIGHT JOB

America's Biggest
Garden Tractor Value

Simplicity

3 Great Models:
7hp. 5¾hp. 3hp.

MORE POWER
FOR BIG JOBS

Better Traction on All Surfaces

Year 'round labor saving for mowing — plowing — tilling — hauling — snow removal. Auxiliary power for a host of jobs. New Controlled Traction differential improves traction for all different soil conditions, for ice and snow. And all control is at your finger tips! Write for FREE catalog.

SIMPLICITY MANUFACTURING CO.
5918 Spring Street
Port Washington, Wisconsin

Makers of Simplicity Wonder-Boy Riding Lawn Mower and Roticul Tiller-Cultivator

PATENTED WATER BUBBLER

- Screw this durable aluminum head on hose.
- PLACE IT - LEAVE IT.
- Waters deep - fast.
- No wash - no waste

At your dealers or $2.25 postpaid

The Turfgrass Farm
4961 East 22nd St.
Tucson, Arizona

Discover the MAGIC of almost
100% GERMINATION!

"Nodampoff"
REG. U.S. PAT. OFF.
Pure Horticultural Milled
SPHAGNUM MOSS
(Pure Sphagnum, NOT Peat)

Nature's Finest Starting Medium for All Types of Seeds, Plants and Cuttings

"NODAMPOFF" is Outstanding!

- Eliminates damping - off and other plant diseases.
- Assures almost 100% seed germination.
- Unsurpassed for rooting cuttings.
- Less over watering danger.
- Grows tremendous roots.
- Practically foolproof. It is almost impossible NOT to be successful if directions are followed.

Sphagnum Moss is highly recommended as a growing medium by the U. S. Dept of Agr. as well as many professional nurserymen.

. Bag of "Nodampoff" will fill from 8 to 12 pots, or several flats. Home size package, postpaid anywhere in U. S. ppd. $1.25

2-bu. sack containing about 10 of above size $4.85 ppd.

AMAZING Pamphlet "Start Seeds In Your Basement" included with orders.

"Wisconsin's Pride"
PURE, LONG-FIBERED
Sphagnum Moss

Use in flower pots, hanging baskets or as mulch. Keeps fishing worms active for months. Holds 20 times its weight in water.

If your dealer is unable to supply, order from us.

Large 7-oz. package.. $1.00 ppd.
2-bu. sack holding about 10 of above.... $3.75 ppd.

Packaged and Guaranteed by
MOSSER LEE Dept. M MILLSTON, WIS.

second is a pulling tractor with conventional plow. In either case it is possible to work the soil to a depth of 4 to 6 inches, which is usually ample for most garden plants and vegetables.

Two new ideas in small tractors are fast becoming popular with gardeners. The first of these is the multi-purpose unit. This is many tools in one. There is one engine and handle but to this can be applied a tiller, mower, edger and many other components. These are not attachments in the true sense of the word since the engine and component make up a complete unit in appearance and performance.

The second innovation is the four-wheeled riding tractor. When home properties reach a size of an acre or so, there are times when the added feature of riding is most appreciated.

Although not exactly classified as tools, the proper soil amendments are certainly important in creating and maintaining better soil. Amendments are those things added to the soil to either raise the nutrient level (fertilizers) or improve the structure or water-holding capacity (organic matter or soil builders).

Heading the list of amendments is plant food. Plant food is lost from the soil quite readily—the plants, of course, use a fair share and some is lost in the water that percolates through the soil—this is called leaching. It is apparent, then, that plant food should not only be added at the time of soil preparation but also as the plants grow.

The old stand-by for many gardeners is the dry fertilizer which now comes specially blended for general garden use, for roses, lawns, acid-loving and other plants. This, of course, should be worked into the soil where it will be readily available to the roots.

Soluble fertilizers are most useful in many situations. Some gardeners use the dry plant food for their initial soil preparation and solubles for supplemental feedings. A convenient way of applying soluble fertilizers is with a hose dispenser. This mixes the fertilizer with the water as it flows through the hose.

Another important element in good soil and its maintenance is a sufficient level of organic matter. In most instances this must be incorporated at the time of preparation. In addition to organic matter, there are

Nothing succeeds like a
Green Thumb®

tops in garden tools
The Union Fork & Hoe Co., Columbus, Ohio

Quick way to feed house plants and lawn!

Du Pont Soluble Plant Food feeds through roots and leaves ... gives quick results ... can be used in Du Pont Garden Hose Sprayers.

DU PONT
REG. U.S. PAT. OFF.

Better Things for Better Living
... through Chemistry

SHADE FOR STARTING PLANTS
SHAD-A-PLANT

Protect seed when sown—shade seedlings later . . . keep them healthy. Partial protection against frost. Complete with 4 stakes necessary to cover 24 sq. feet for $3.65 postpaid. Order now.

WOODLOT SEED CO.
Norway 15, Michigan

BUY DIRECT
• SAVE ON •
TILLERS • TRACTORS

5-6-7-9 H.P.
2 wheel &
4 wheel tractors

Full line of attachments for mowing, gardening, farming. 2-3-4 H.P. TILLERS, 12"-16" CUT

FREE CATALOG
& PRICE LIST

RED-E-TRACTOR CO.
3-10th St., Richfield, Wis.

plas-ties
Vinyl Plastic
TWIST TO TIE TAPES
Handy 50 FT. SPOOLS

ALSO 7 INCH PACKAGE & 200 FT. SPOOLS
AT YOUR DEALERS

NEW
MTD
Lawnflite

ROTARY
POWER MOWER

Now available—the finest possible mower at a price that can't be beat. Safe, rugged, easy-to-use. Fully guaranteed. At dealers everywhere or write for . . .

FREE... full color descriptive folder

MODERN TOOL & DIE CO.
5389 West 130th St., Cleveland 11, Ohio

mineral types of soil builders that give similar results—breaking up the clumps of soil and creating a condition whereby the soil will hold more air and water.

The little extra care you give to the proper preparation and later maintenance of your soil will reflect itself in much more luxuriant and beautiful plants.

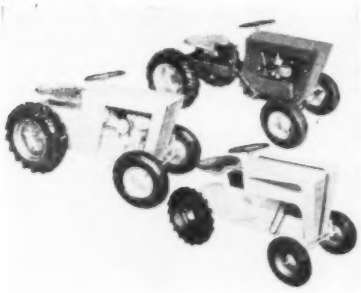
Tools of the Month

The following are new garden items as announced by the respective manufacturers. Some are already available at your local garden supply store; others will be available soon.

Ro-Feeder—Holding 5 pounds of fertilizer, this single-wheel spreader distributes a 2-inch band of fertilizer or other dry, granular material. Used for side-dressing plants or for placing a band of fertilizer under the seed at planting time. Retail price $14.95. Available by mail or through garden stores. Peter Seymour Co., 4446 Gaywood Dr., Hopkins, Minn.

Planetiller Model "O"—The third in the line of power-driven tillers. Standard tilling width of 18 inches, but can be set for additional widths of 8, 12 and 22 inches. Powered with 3 h.p. engine. Made by S. L. Allen & Co., Inc., Philadelphia, Pa.

Farm-Ette riding tractors—Three models will be offered in 1959. The smallest, "45," is for lawn and other



limited work. Model "75" is for heavier garden work and model "95" is for heavy garden and light farm chores. All are products of Tom Moore Tractor, Inc., Mantua, Ohio.

Garden Skirts—Designed to protect gardens, trees and shrubs. Fencelike strong welded wire fabric packaged in four 30 by 15-inch sections. Sections interlock and stakes hold joints in place either in straight line or at any angle. Manufactured by Mid-States Steel & Wire Co., Crawfordsville, Ind.

Perl-Lome

NEW Long Lasting Soil Conditioner

a revolutionary natural soil aid for the home gardener

Perl-Lome is a special grade of perlite volcanic mineral, now available for home garden use. It is ideal to re-build soil, to start seeds, root cuttings or grow plants. Useful in all seasons.

Once in the soil, Perl-Lome does its work for years, at great savings in cost and labor. Like an earthworm this low-cost conditioner aerates the soil. It stores water, prevents soil compaction. Unlike many soil aids, Perl-Lome does not decay or get soggy. Light weight . . . very easy to use. Non-toxic, absolutely safe with children and pets.

Available in convenient sizes for commercial and home use through seed, garden and hardware stores.

With Perl-Lome — Without

Perl-Lome

PERLITE INSTITUTE • 45 W. 45th St., N.Y. 36, N.Y.

Put new *Zest* in country living with an International® Cub® Lo-Boy®

More time for living, less for work — that's an exclusive dividend you get with Cub Lo-Boy ownership! It's a full-fledged tractor . . . comfortable seat, ample leg room, automotive handling ease — perfectly size-matched to estate and suburban acreage grounds care needs. You compromise with neither *quality* nor *capacity* when you own a Cub!

An International Harvester tractor dealer near you will gladly demonstrate the Cub Lo-Boy with the type of mower and other equipment for your particular requirements. For his name, and copy of illustrated Cub Lo-Boy Catalog, write

INTERNATIONAL HARVESTER

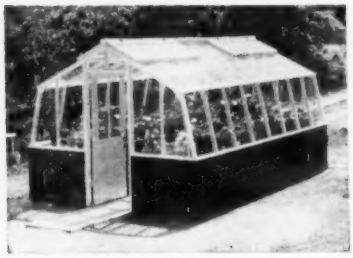
Dept. FG-3, P.O. Box 7333, Chicago 80, Illinois.

Household and Garden Gloves

There is no substitute for a leather glove. These National Gloves are made from specially processed, select lambskins—soft and pliant—permit almost barehand freedom. Tough—Durable—Dirtproof—can be washed repeatedly. Outwear six pairs of fabric gloves. Use for many purposes (household, garden, car, garage, etc.). Men's M-L $1.85. Ladies' S-M-L $1.65 (postpaid). National Glove, Inc., Dept. F. Coshocton, Ohio.

You Plant These Pots—40 For $1.

Plant summer seedlings, cuttings or slips in these Pots made of pressed fertilizer. They'll get a head start with faster, stronger growth! Transplant Pot and all into the ground! Pots disintegrate; roots grow right through with excellent aeration—no shock. 2¼" diameter. Guaranteed or money back! 40 PLANT POTS for only $1, postage paid. 100 for $1.95. Sunset House, 2737 Sunset Bldg., Beverly Hills, Calif.



Sturdi-Built Greenhouses

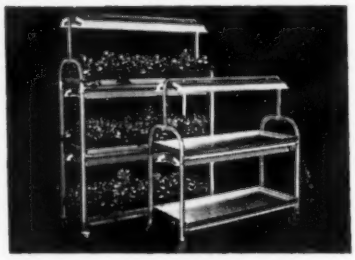
Here it is! Your chance to get a greenhouse with *newest type prefabrication* ever offered! Dates all other methods! Lifetime-Redwood! Drip-proof construction! And world's lowest prices. For a greenhouse complete above base with glass, prices start at only $199! Freight prepaid! For color catalog showing sizes and styles, write Sturdi-Built Manufacturing Co., 11304 S. W. Boones Ferry Road, Portland, Oregon.

Shop in The GENERAL

GOLDEN BRASS TRIVETS with etched floral designs are so attractive and versatile in their use! To the Chinese, the round design signifies "Good Fortune," the square "Happiness" and the hexagon, "Long Life." Approximately 5½" in diameter they are footed to protect furniture. Beautiful under potted plants. $2.00 each, or set of 3 for $5.95 postpaid. Downs & Co., FG-3, Evanston, Ill.

WALL THERMOMETER in the design of the old pot-bellied stove to bring back memories of other days. Made of metal in authentic early American design it is finished in black with gold markings. A charming conversation piece for your kitchen. $1.00 postpaid. Pilgrim's Pride, FG-3-80, 58 Buffum St., Lynn, Mass.

POCKET STAMP for your every need! Name, message, signature, anything you want to say in any color ink up to 1½" x 3⅓" in size. Stencils are quickly and easily made by writing, drawing or using the typewriter. Each makes hundreds of clear impressions. Stamp can be carried in your pocket. Complete kit, stamp, stencils, ink, holder, brush and directions, all for $4.25 postpaid. Extra package of 50 stencils, $1.25. Changeable Stamp, FG-3, Box 591-U, Lynn, Mass.



The FloraCart

The original, most popular Garden on Wheels. Two models available: 3 Tray, (without light fixtures) $52.50; 2 Tray (without light fixtures) $41.50. Practical sturdy aluminum tubing guaranteed construction. Large capacity water tight trays 19" x 49". Ball bearing wheels. Write for literature and additional information on new accessories being offered. Tube Craft Inc., Dept. D, 1311 West 80th St., Cleveland 2, Ohio.

Prize-Winning African Violets

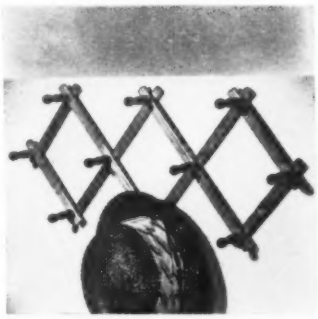
For years the prize-winning blossoms at the National African Violet Show have been grown with Plant Marvel. It supplies the natural, concentrated food elements needed for rapid, healthy growth and bloom. Easy and economical to use. Send $1.35 for 1 lb. can, makes 250 gallons of rich liquid food. Write for free sample and our African Violet folder. Plant Marvel, Dept. FG-39, 622 West 119th St., Chicago 28, Illinois.

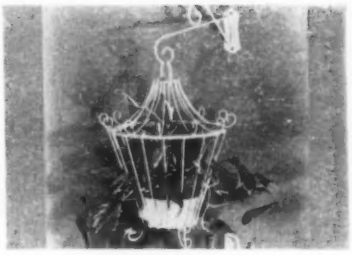
STORE *with Erna W. Cass*

LEARN TO PLAY PIANO by the Dean Ross course. This short-cut method uses the patented Automatic Chord Selector that has you playing simple familiar melodies with both hands in no time. No tedious scales, boring exercises or dreary practice. Write for free sample lesson and 5 simple "play at once" songs enclosing 10¢ to cover postage, to Dean Ross, FG-3, 45 W. 45th St., New York 36, N. Y.

A REAL LOG CABIN you can set up in no time flat because it comes pre-assembled in 6 sections. Kids will love it as a play house, and Dad will find it convenient as a toolshed for his garden equipment, etc. 4′ x 5′ on ground, it is 5½′ high and sells for $19.88 f. o. b. Camden, N. J. Larger size measuring 5′ x 7′ x 6½′ high, $38.95; with shutters and door, $52.95. Cedar Products, FG-3, Box 84, North Baldwin, N. Y.

BEAUTIFUL SOLID MAPLE REPRODUCTION of the old-fashioned folding Peg Rack so popular in olden days. Hang it in the kitchen, hall or den for coats and hats. Wonderful for child's room to teach neatness in hanging up clothes. 10″ turned pegs. Diamond-shaped pattern opens to the overall length of 30″. $2.98 postpaid. Taylor Gifts, FG-3, 121 Pennsylvania Ave., Wayne, Pa.



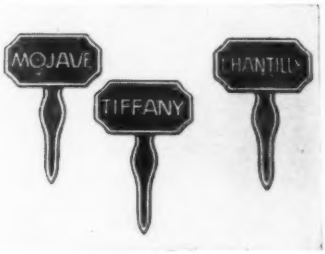


Bird Cage Planter

Removable top on this planter makes it easy to arrange plants inside or to capture the beauty of a bouquet of cut flowers. Smoothly finished scroll legs permits setting on finest table top, or hang it from bracket furnished. Baked enamel satin smooth finish that's chip and rust resistant in black, white or pink. A delightful gift! $2.98 plus 25¢ postage. Empire Merchandising Co., 4 N. Third Ave., Mount Vernon, N. Y.

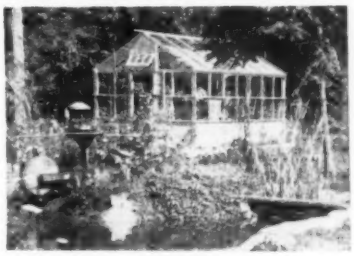
Fir Balsam Calico Cat

Old-fashioned calico cat pillow is filled with fragrant fir balsam. Lay it on your pillow for a soothing nap. Children will love it, too Comes in assorted patterns—quaint flowered, striped, dotted, sprigged, or in the tiny geometric designs our great-grandmothers wore; bright, gay, multi-colored designs—reds, greens, blues predominating. 8″ high. $1.25 ppd; The Vermont Crossroads Store, FG-3, Montpelier, Vt.



Embossed Rose & Iris Nameplates

New nameplates for permanent identification of your flowers. Made of sturdy, weatherproof aluminum with raised, burnished letters against rich, black background. 4″ wide, 2½″ high, with 4″ stake. Gives your garden that finished look! Mojave, Peace, '49er, Vogue, Tiffany, Sable, Sunset Blaze are but a few, with hundreds more available. 29¢ each, 4 for $1.00, postpaid. Santa Fe House, 7223 Main, Kansas City 14, Missouri.



Insulated Prefab Greenhouse

This 10′ x 14′ fully prefabricated greenhouse, insulated from ground to ridge for easy heating in Winter and coolness in Summer, with TWIN-GLAS in roof and sides. $556.40 Insulated. Not insulated $428.50. No puttying, only a few bolts to tighten. We build all sizes, both lean-to and free standing with or without hail-proof fiberglas roofs. Redfern's Prefab Greenhouses, 3248 Los Gatos Hiway, Santa Cruz, Calif.

Reduce At Home!!!

All rubber two piece suit for the gal or guy who desires to take off extra pounds the cheap and easy way. You'll be your own walking steam bath shedding excess body fluids thru perspiration. Use it several hours each day when you work or exercise and be proud of your figure. Comes in white or blue and in sizes small, medium, large and extra large. $8.00 postpaid. Lindemann Rubber Products, 154 Kiwanee Road, Warwick, R. I.

Protect Plants From Dog Damage

Keep dogs and cats where they belong. Get famous, extra potent Sudbury Chaperone. Prevent burned evergreens, ruined flowers, soiled lawns, spilled garbage can. In automatic spray can. OUTDOOR Chaperone $1. postpaid. INDOOR Chaperone $1, same style can, keeps pets off chairs, beds—stops cats clawing furniture. Enclose $1 bills at our risk. Money-back guarantee. Sudbury Laboratory, Box 64N, Sudbury, Mass.

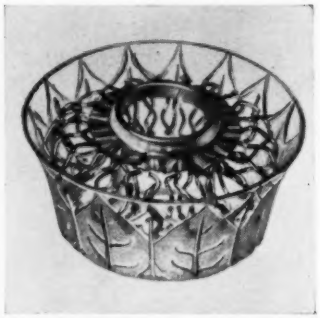
Gardenia Collection—$6.00

The finest collection of hardy outdoor Gardenia ever offered. G. Radicans, very dwarf (creeping). G. Fortunia, everblooming. G. Mystery, extra large blooms. G. August Beauty (New), almost a constant bloomer and loaded with flowers in August, hence its name. G. Vechi, for indoor planting. Order this fine collection. Five blooming size plants postpaid to your door for only $6.00. McKee's Nursery, Box 749-A, Covington, La.

Suburban & Country Dwellers

NORTHEL Reactivator keeps septic tank and cesspool clean. A bacteria concentrate breaks up solids and grease—prevents overflow, back-up, odors. Regular use saves costly pumping or digging. Simply mix dry powder in water, flush down toilet. Non-poisonous, non-caustic. Guaranteed to reactivate septic tank, cesspool. 6 mos. supply (23 ozs) only $2.95 ppd. Northel Distributors, FG-3, P. O. Box 1103, Minneapolis 40, Minn.

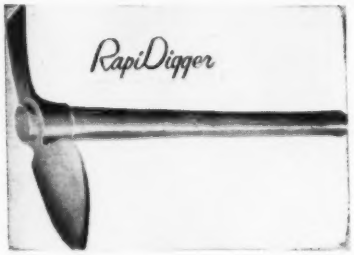
Shop in The GENERAL



COLONIAL NOSEGAY candle flower arrangers are little cups that slip over your candlesticks or candelabra to hold flowers. Translucent plastic so flower stems are invisible, each cup is fitted with crimped brass wire holder making it easy to arrange flowers and foliage. Safety feature includes a metal band around the candle base. $2.00 a pair postpaid, Dorothy Biddle Service, FG-3, Hawthorne, N. Y.

SIFT AND STORE YOUR COMPOST in one operation. Specially designed of heavy gauge grating, it shreds and grinds decomposed compost to a fine potting soil as you rake or hand work it over the top. Screens out stones and debris. Siftings fall through into 32 cu. ft. capacity storage bin. Easily assembled without tools. No moving parts. $27.50 fob factory. Home Garden Products, FG-3, 159 Pine Ridge Road, West Medford 55, Mass.

UNIQUE TO SAY THE LEAST, is this one-piece cup and saucer planter handwoven of willow on the Island of Madeira. Metal liner in the cup permits planting living plant material. This charming and unusual plant holder makes an attractive addition to your coffee table! A delightful hostess gift! $2.75 postpaid. The Willow Room, FG-3, 137 Deane St., New Bedford, Mass.



Splendid Garden Gift

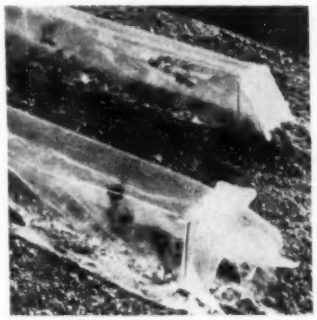
Lighten your garden gear with this multi-use tool. LIFETIME GUARANTEED, rugged, practically indestructible yet amazingly light—only 22 oz. Digs, hoes, roots, pries rocks, trenches; excellent for planting seeds, bulbs and shrubs. Order RapiDigger® with 15" Weatherproof® hickory handle, boxed; also available with 48" ash handle, not pkgd; ea. $3.00 ppd. Mann Edge Tool Co., Lewistown 7, Pa.

5 From 1

SOAKEZE does a good job watering shrubs, especially roses. Saves much time and work. Attach it to your garden hose; the 5 small plastic hoses can be spread out in any directions to soak roots of 5 plants, some 24 feet apart, without waste of water. Guaranteed to please you or your money refunded. Complete unit only $5.95 postpaid. Send check or money order, Jons Mfg. Co., Dept. M-6, Saint Matthews, South Carolina.

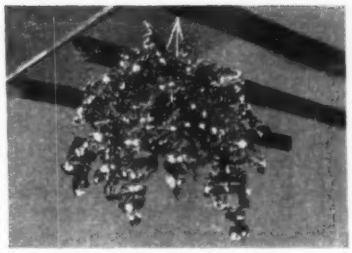
STORE *with Erna W. Cass*

CUT YOUR SPRING FLOWERS properly for longer life with a pair of these imported garden shears. The short blade holds the cut flower and the full loop handles assure correct cutting. Made of fine steel it holds a keen cutting edge. Students of flower arrangement insist on this style shears. You'll love them, too. $1.95 postpaid from Vermont Crossroads Store, FG-3, Montpelier, Vt.



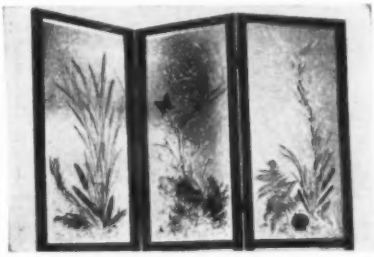
SAV-A-RO is a portable cold frame set up in row outdoors. Plant seeds in March right where they'll remain all summer without loss due to transplanting shock. 12 ft. long about 5" high it is made of 2-layer sheet plastic on metal wickets; won't tear in wind; ends open for ventilation. Assures right amount of warmth and moisture for proper germination. Get a head start on Spring! $1.79 per 12-foot length, postpaid. Walter Drake, FG-3, 66 Drake Bldg., Colorado Springs, Colo.

A TOTE BAG that holds at least 10 bushels of leaves and cut grass, built to last for years. A must in the spring garden clean-up plan. Ingenious closing device keeps leaves trapped in; can be used on the windiest day. Light weight, it is easily hauled for disposal of contents. A real labor saver you'll enjoy using. $5.95 postpaid. Tote Bag, FG-3, 601 W. 103rd St., Chicago 28, Ill.



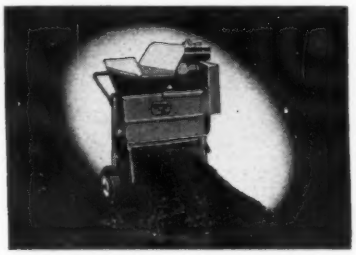
Hanging Fuchsia Basket Kit

Delightfully attractive hanging basket containing Swingtime fuchsias—the fuchsia that outsells all others with large double red and white flowers that bloom all summer, producing as many as 100 blooms per basket. Kit includes 10" cedar basket, 3 branched Swingtime fuchsias, hanger, soil conditioner, cultural instructions—for only $4.69 ppd. Limited quantities; order early! Olympia Greenhouses, Rt. 6, Box 21, Olympia, Wash.



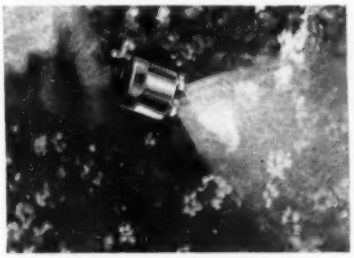
Make A Real Flower Screen

Room dividers and lamps with colorful flowers, leaves, butterflies and sea shells permanently embedded in Castoglas. Also make lovely glass bowls, dishes, trays, placemats and other fine objects. Make them for your own home, for gifts, or to sell at a nice profit. Easy to do and inexpensive. For illustrated booklet showing how mail 25¢ to Dept. B-80, The Castolite Company, Woodstock, Illinois.



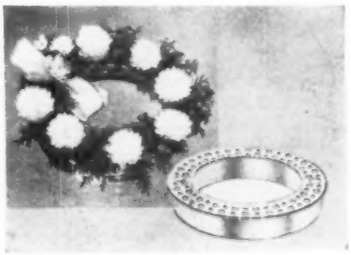
W-W Portable Grinder-Shredder

THIS VERSATILE machine processes organic matter for compost or mulch. Also shreds, grinds, screens, or mixes soil, compost, dry leaves, garbage, peat moss, etc. Easy portability . . . efficient design. Model 2 (illustrated) has 2½ h.p. recoil starter engine. Electric available. Prices start at $129.95 for small Model A, power equipped f.o.b. Wichita. Terms. Write W-W Grinder Corp., 2957-G No. Market, Wichita 4, Kans.



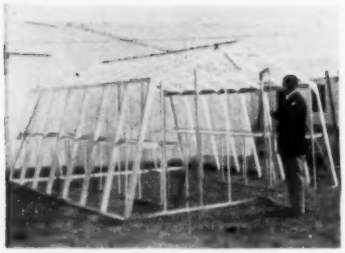
Fog-Like Mist For Plants

Fogg-It Nozzle breaks water into fog mist for seed beds, newly seeded lawns, bedding plants, ferns, hanging baskets, fuchsias, begonias, orchids. On slopes, irrigate without soil washing. Creates humidity for lath and greenhouses. Fits standard hose coupling. High or low pressure. Save water with better coverage. Only $1.95 ppd. No COD's. Full Guar. Ray Sanders Co., Dept. 79, 133 N. Santa Anita Ave., Pasadena, Calif.



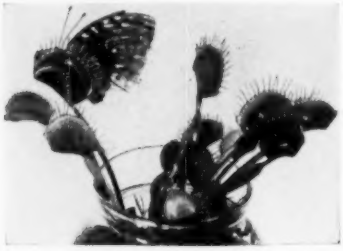
Centerpiece Flower Arranger

A circlet of clear plastic with an interlocking, removable top, perforated to hold flowers makes a dainty and exquisite container for pansies, camellias and roses, or a nosegay mixture of delicate flowers. A lovely table arrangement can be made in a matter of minutes. No experience necessary. Try it with ivy dramatized with two candlesticks. 8½" dia. Exclusive with us! $2.50 ppd. Dorothy Biddle Service, Hawthorne, N. Y.



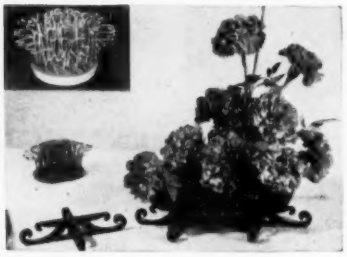
A Greenhouse Anyone Can Afford

New 14' x 14' prefabricated framework of heavy aluminum coated steel, covered with heavy 6 mil polyeth plastic. Complete from ground up for $125.00. Delivered in one complete package. Bolts, door, hardware, two ventilators and complete instructions. Four foot extensions for $35.00. Bench supports available. Complete greenhouse easily erected. Turner Greenhouse, Box 771, Goldsboro, North Carolina.



Rare Insect-Eating Plant

Venus's Fly Traps lure, catch and eat insects. You can actually see bright-colored traps seize unwary victims like the insect above. A fascinating wonder of nature, plants are easily grown from bulbs. Each bulb sprouts several leafy traps within weeks. Six bulbs, sphagnum moss, full color picture and planting instructions, $4.95; 3 bulb package, $2.75 postpaid. Armstrong Associates, Inc., Box 127F, Basking Ridge, New Jersey.



For Flower Arrangers

BLUE RIBBON FLOWER HOLDERS and VASE STANDS will help you make lovely flower arrangements. Holders are non-rusting; flowers held at any angle; easy to conceal. THEY ARE TOPS! If not yet stocked in your shops, send us $2.35 for a 3" holder and $1.60 for two vase stands which resemble teakwood. Write for special offer to Garden Clubs. Blue Ribbon Flower Holder Co., Dept. FG-3, Box 214, Cuyahoga Falls, Ohio.

Shop in The GENERAL

CARD PLAYERS will appreciate the Card-O-Matic which shuffles and deals up to three decks of cards automatically. Not a toy, but a practical, well constructed automatic card shuffler and dealer. Just rotate the unit with one finger and the cards are smoothly shuffled and dealt in any pre-selected number of hands from two through six. $10.00 postpaid from J. S. Barnett Co., FG-2, Box 71, Gedney Station, White Plains, N. Y.

EVERY HOME WORKSHOP should have a high-compression Swingline staple gun. It does dozens of jobs around the house. Perfect for upholstering, weatherstripping, screening; to make cornices, valances, repair webbing, etc. A gentle squeeze drives sturdy staples deeply into wood, plastic, plaster, etc. Much faster and less expensive than tacks or nails. $4.95 postpaid. 1000 staples — 50¢; 12,000 — $5.90. Specify ¼" or 5/16" leg. Edes & Co., FG-3, 1307 Appletree St., Philadelphia 7, Pa.

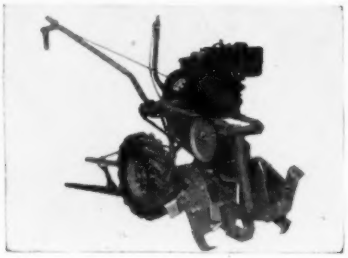
NEW PLANT TRAY

IT'S SELF-WATERING!
Water your house plants properly. Plants, on rails, tended thru fiberglas wicks for weeks at a filling. Special clips make even narrow window sills usable. Sturdy plastic, mist green, 23½" x 7" x 2¼". Complete, **$3.49 ppd.** Extra wicks—12 for $1.00.
THE GREEN WELL, Lake Valhalla, Montville, N. J.

Free Catalog Hard-To-Find Supplies

60 illustrated pages of unusual hard-to-find supplies, equipment and accessories. Everything you need for African Violets, Gloxinias, Geraniums, all greenhouse and indoor plants. Potting mixes, plant food, large aluminum plant stands, fluorescent lights, etc. Largest selection any catalog specializing in indoor and greenhouse plant supplies. Send now for your free copy.

THE HOUSE PLANT CORNER, Box 918, Oxford, Maryland



Universal Presents

McLean rotary tiller and tractor combination. Model KT-1, as shown, is produced with 18 years leadership in the quality garden tractor line behind it. Full year's guarantee on materials and workmanship. Operates on a 3 h.p. engine and is $109.00 f.o.b. Ind. Attachments for riding sulky, rotary mower, sickle mower, saw and snow plow. Prices on request. Universal Manufacturing Co., 324 West 10th St., Indianapolis 2, Ind.

A NEW LOOK IN DOG HOUSES!

"ROVER HOUSE"

Ideal Gift
CARTON PACKED F.O.B. FACTORY
Made of WESTERN RED CEDAR (Shiplapped)
IDEAL IN NATURAL FINISH
Size 16" x 32" —16.45
Size 21" x 35" —17.95

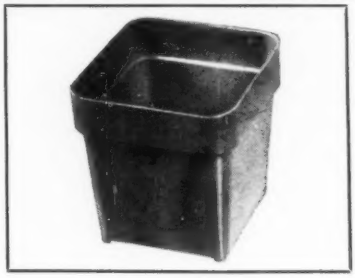
Check or Money order to MUL-VAN-P.O. BOX 620-WOODBURY, N.J.

PUMP WATER DRY—SAVE MONEY

SUCT-DRI

Only **$2.75** post paid

Without electricity or moving parts this suction drainer pumps 330 gallons of water per hour from flooded cellars, pools, trenches, washing machine, etc. Just attach with a garden hose to any screw-type faucet, attach another section of hose to the discharge end, turn on the water and it goes to work.
MEDFORD PRODUCTS, Dept. FG-39, Box 39, Bethpage, N. Y.



Plastic Flower Pots

Display your plants more effectively in these attractive square design plastic pots now available by mail! Plants grow better because positive drainage is assured by four drain holes in base. Also produce a slower rate of evaporation which means less frequent watering. 3" pots, 25 for $1.50, 50-$2.75, 100-$5.00 ppd. Guar. against breakage. Write for bulletin other sizes. Yoho & Hooker, 521 Williamson Ave., Youngstown 1, Ohio.

STORE *with Erna W. Cass*

MINIATURE QUARTET OF GAMES, all ready to pop out and play on a moment's notice. Only 2¾" in diameter, each of these little plastic circles holds a complete game. Checkers, tic-tac-toe, Jump-a-peg and Chinese Checkers, all in bright gay colors. Wonderful for car, train or plane travel, at home or school. Kids, teens and adults all love playing them. Set of 4 different games $1. postpaid. Sunset House, FG-3, 92 Sunset Bldg., Beverly Hills, Calif.

A BIT OF ELEGANCE in a serving piece is this beautifully designed and handcrafted Mexican sterling silver cake server. It has a genuine handcarved, hand rubbed rosewood handle 8½" long. A distinctive wedding or Easter gift! $8.95 postpaid, plus about 75¢ duty to be collected by postman. Jeb's, FG-3, Waverly, Mo.

COMPOSTED MANURE AT IT'S BEST!

- No odors
- No burn
- No weeds
- No fuss

Also . . . .
DAIRY ORGANIC COMPOST
GARDENURE—ROTTED CATTLE MANURE
Available at retail outlets
ORGANIC COMPOST CORPORATION
Germantown, Wisconsin

Planter Lamp—$3.98

This attractive planter lamp standing 15" high made of gleaming brass, has two 3" white pots to hold your African Violets, foliage plants or other favorites. Its clean, fresh, simple lines makes it suitable for any room in the house. Shade is a rough texture beige. Only $3.98 postpaid complete, not including plants. No C.O.D.s please. Send check or money order to Vanity Fair Gifts, FG-3, 101 Lexington Ave., New York 16, N. Y.

Regular price of 9 x 12-ft. heavy transparent Plastic cloth is $1.00 —our special low Sale price, two for $1.00! Protects rugs, furniture & floors when painting. Perfect cover for cars, boats, buggy, appliances, bicycles, lawn furniture, etc. Make into aprons, tablecloths, lampshades, appliance covers, etc. Waterproof, greaseproof, dirtproof—clean with damp cloth. Each cover is full one piece, no seams! Send $1.00 plus 25c for pstg. & hldg. or **$1.25 for two** 9 x 12 Cloths. Money-back guarantee. **L & M CO. Dept. PL-255, Box 881, St. Louis, Mo.**

GARDEN YEAR 'ROUND IN YOUR
EMERSON WINDOW GREENHOUSE

Grow the plants you love from season to season. Beautifies the home both inside and out. Can be used as a Cold Frame. Made to fit any size window. Made of strong aluminum that will not rust. Easily installed, completely draft-free.

AVERAGE SIZE WINDOW
33" WIDE X 52" HIGH
Do-It-Yourself Kit—$26.30 (Frt. Ppd.)
Assembled with glass—$59.50 (Frt. Coll.)

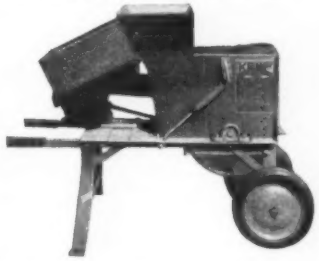
Shipped with nuts, bolts, complete instruction sheet. Other sizes proportionately priced. SEND FOR FREE BROCHURE FL-359, LISTING ALL SIZES AND PRICES.

- **DEALERSHIPS AVAILABLE!**
- **WRITE FOR DETAILS!**

EMERSON IND. INC.
132 ADAMS AVE., HEMPSTEAD, L. I., N. Y. CALL: IVanhoe 3-6560

Do as the Professional does . . .
SHRED WITH A KEMP
for BETTER SOIL PREPARATION and GET GREATER YIELD

For a more colorful springtime array in your garden, and a greener, fresher appearance of your lawn, get a KEMP shredder, the leader since 1890. Professional growers have relied on KEMP shredders as an aid in converting leaves, stalks, vines, and plants into a rich aerated compost that retains its moisture for better yield, why don't you? The SK-O model (shown) shreds all materials uniformly without attachments; completely portable and requires little storage space.



KEMP prices start under $100.00 without power. Terms to suit your budget. Ask for KEMP literature on entire line. Get the shredder story first hand. Remember, a KEMP is a shredder . . . not a grinder.

KEMP MFG. COMPANY
"First in SOIL and COMPOST SHREDDERS"
Dept. 16 1027 E. 20th St. Erie, Pa.

ActivO

activates compost, energizes and **CONDITIONS SOILS,** makes fertilizers more efficient. Just mix with waste material (compost) or with fertilizer, mulch, seed, etc., or dig-in or spray-on soil. Sizes $1.39 to $29.95. Prepaid $6.95 size treats 2 tons compost, 6500 lbs. fertilizer, mulch, etc., or 32-400 bushels seed.
Garden Cupboard, Box 61-F, Terre Haute 12P, Indiana

GARAGE CROWDED?
Send for FREE BOOKLET
5 LOW COST WAYS TO ADD THE SPACE YOU NEED

If your garage or breezeway is bursting its seams with garden tools, a power mower, a leaf sweeper, bikes and what have you, you'll be interested in ABM small Buildings of White Pine; sturdy construction. Easily assembled with a screwdriver, (all screw holes are pre-drilled). From our booklet choose just 9 prefabricated components for 8'x6' unit or 15 for the 16'x6'. Our design allows many combinations, including screened houses.

Send for our booklet today. Budget terms available.

ABM, INC.
BOX 125, N. TONAWANDA, N. Y.
Please send Free Booklet — "5 Low Cost Ways to Add Space."
NAME .....
ADDRESS .....

GENERAL STORE

SLIGHT OF HAND . . .

but how they wear!

women's

SOFT TOUCH GLOVES

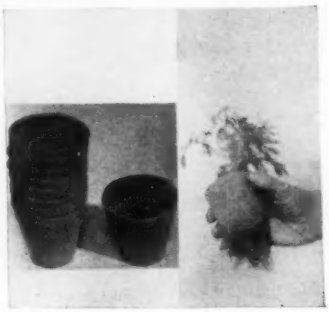
for household and garden

A light fingered beauty of a glove for garden and household use that retains your sense of touch, outmodes bulky, clumsy gloves. Always fresh and pretty, kid leather-like material in pastel figured colors wipes clean with a damp cloth or can be washed. One size in exclusive Palm-Flex pattern fits nearly all women in finger-free comfort. Yellow, green or blue pastels with backs in neat little feminine print pattern.

At Better Dealers Everywhere

If your dealer cannot supply you, order direct from us at $1.00 per pair postpaid. Specify color. A handsome copper-colored version for men in MR. SOFT TOUCH, $1.19 per pair postpaid. No C.O.D.'s.

BROOKVILLE GLOVE COMPANY, INC.
Brookville, Pennsylvania



START YOUR SEEDS INDOORS in "jiffy pots" the way professionals do and avoid transplanting shock. These peat containers with plant nutrients added, imported from Norway, allow roots to grow through container walls with greater yield. When ready to transplant simply plant pot and all. Full 2¼" nursery size. 24–$1.00; 50–$1.50; 72–$2.00; 200–$5.00; 500–$10.00 postpaid. Super Distributing Co., FG-3, 4315 W. Fullerton Ave., Chicago 39, Ill.

ST. FRANCIS loved the little birds and what better tribute could be paid to him than to have his statue grace a bird feeder. 6½" tall he stands in the church-style doorway protected from the elements. Feeder is 15" high x 11" wide and 10" deep. Birds are well protected while feeding. Feeder made of white pine stained a redwood color, is easily mounted anywhere. $9.00 plus 50¢ postage. Empire Merchandising Co., FG-3, 4 North Third Ave., Mount Vernon, N. Y.

MAGIC STUMP REMOVER — $1.50

No digging! No chopping! No blasting! Pour quick-acting chemical compound into center of stump. Wood fibers decompose down to roots. Makes removal easy, fast. Safe, non-explosive. Won't harm other vegetation. Do it yourself at BIG SAVINGS. 8 oz. can, for 1 or 2 stumps.
$1.50 (2 for $2.85)

ELRON INC., 352 W. Ontario, Dept. A-342, Chicago 10

50 LARGE NEW TOWELS 2¢ ea.

NEW Unwoven Cotton and Rayon

Unretouched Photo; Our 50 Towels for $1.00 Offer

Astonishing but EVERY WORD *GUARANTEED* TRUE! World's greatest towel offer, bar none—50, yes 50, marvelous, large, brand new (not seconds) in beautiful colors and white... only $1.00 (plus 25c for postage & hdlg.) or *$1.25 in all!* We sell at staggering low price because we buy huge quantities direct from MILLS—more than 23,650,000 Towels since 1963! If you're not thrilled and delighted, return Towels—keep 10 Free for your trouble—and we'll cheerfully refund purchase price. Order NOW before offer is cancelled. No C.O.D's.

50 TOWEL CO. Dept. A-504, Box 881, St. Louis, Mo.

STEEL AND ALUMINUM BLDGS. FOR ALL PURPOSES

SECTIONAL UTILITY BLDGS. AND GARAGES
Easily erected • Quick Delivery
Shipped anywhere • Send for Folder

JOHN COOPER CO.
303 2nd St., Hackensack, N. J.
Dealers Wanted

NOW! The new high-potency natural plant food . . .

Fertrell

AVAILABLE IN 5 & 10 LB. PACKAGES

SUPER TRIAL PACKET just 20c

Send coin to: NATURAL DEVELOPMENT CO. Fullerton, Md.

HOME PLAN BOOKS By Garlinghouse

Show hundreds of new plans for custom built homes. Popular sizes and styles suitable for all areas. Show exterior and floor plan with accurate description.

- **Ranch & Suburban.** 125 popular plans ..... 50¢
- **New American Homes.** 110 large homes $1.00
- Income & Retirement Homes. 125 plans ..... 50¢

All 3 books $1.50. All books mailed postpaid

LOW COST working plans, specifications, lumber and mill lists available for every design—your best investment when building. You'll know in advance what you are getting and avoid costly mistakes. Order today.

L. F. GARLINGHOUSE CO., INC., Box HG-39, Topeka, Kansas

GROW MINIATURE TREES FREE! SEEDS & PLAN

New Fascinating HOBBY or HOME BUSINESS OPPORTUNITY! Learn little-known techniques for growing living "Ming" Trees only inches high. Beautiful Elm, Cherry, Orange, Cypress, Peach, etc., that BLOSSOM AND BEAR TINY TASTY FRUIT. Help Fill demand for these sensational dwarfed Trees. FREE SEEDS (8 kinds) and Plan. State your age. Write:

MINIATURE TREE NURSERIES, Dept. F-3, (Home-Growers Division) Gardena, Calif.

WINDOVER FLOWER POTS

The Most Beautiful Red Clay Pots Made

Standard		Squatty	
2 in.	30 for $2.20	3 in.	14 for $2.20
2¼ in.	24 for 2.20	4 in.	10 for 2.20
3 in.	14 for 2.20	5 in.	6 for 2.20
4 in.	9 for 2.20	6 in.	4 for 2.20

Our customers say, "The best I have ever seen." Rims specially treated to protect plants. Any shipping breakage replaced unless insured. Sent postpaid east of Denver, Colo. If west add 40c each set.

Semi-squatty	
3 in.	14 for $2.20
5 in.	6 for 2.20
5½ in.	5 for 2.20
6 in.	4 for 2.20

THE WINDOVER CO. Box 3033-L, Evansville, Ind.

Unique 6-Year Comparative Garden Diary

helps you keep year-to-year comparisons of all steps in your gardening. Merely enter date or word to effect comparison of planting dates, bloom dates, fertilizers, pests, insecticide results, etc. Section for recording any operation, completed or planned! Place to list friends promising or desiring seeds, starts, etc. 52 pages, 8½ x 5½, spiral bound. Sturdy, flexible cover. $1.95 ppd. Order from K. Gordon Smith, Box 215-FG3, Yakima, Wash.

Save Time...Save Money!

It's fun to save and shop by mail at...

Walter Drake & Sons

1003 Drake Bldg., Colorado Springs, Colo.

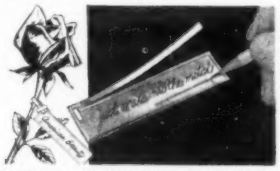
FAST SERVICE — we ship your order postpaid within 24 hours after we get it.

EASY — you shop at **your** convenience...in your own home.

ECONOMICAL — you pay less, you save time and Walter Drake pays the postage.

GUARANTEE — all merchandise from Walter Drake & Sons is sold on a money back guarantee. You may return any item for a cash refund if it fails to live up to your expectations.

TIE PLANTS WITH A TWIST! Sail through this gardening chore with wire-center flat plastic tape to fasten plants and vines to stakes and fences. No tying is needed — just cut with scissors and twist. Soft Vinyl Plas-Ties tape in pretty, fadeproof green is waterproof and re-usable. It's flat — won't harm delicate plants. ⅛" wide.
No. H759 Plas-Ties, big 150-foot roll only.....$1.00



LIFETIME ALUMINUM PLANT MARKERS for about 1c each! Just write plant name into soft aluminum Permatags with pencil, ball point pen or pointed stick. Permanent, with no chemicals, no special pens. Easy to read. Rustproof. One-piece construction, with metal strip at top to wind around plant or stake. Big writing space is 3½" long, ¾" high.
No. H780 Permatags, pkg. of 96 $1.00

CEMENT CLEANER REMOVES OIL and grease stains from garage floors, patios, and driveways. Get rid of those car drippings the easy way—just sprinkle this powder on the spots, then rinse with the hose. Quick as a flash, brick, cement and blacktop are sparkling clean again.
No. H324 Cement Cleaner $1.00
Special!. If ordered with any other item on this page 88c

EXPANDING CONCRETE PATCH fills cracks in concrete, wood, plaster and metal. Expands as it sets—forces its way into every crack and pore—fills cracks tight and stays put. Sets rock-hard and waterproof. Anchors bolts and railings, fills cracks around bathtubs. 1,000 uses!
No. H706 Concrete Patch $1.00
Special! If ordered with any other item on this page 85c

REMOVE CORNS, CALLUSES AND WARTS easily and safely with this amazing new Corn Stick. Simply dab it on like a lipstick; its carefully-compounded formula goes to work immediately to reduce pain and remove the corn or callus. No messy salves and lotions, no risky cutting and scraping; one application is often all it takes!
No. F674 Corn Stick $1.00

ROOT ELIMINATOR saves hundreds of dollars in plumbing bills. Dissolves fungus, kills roots so they wash away. Users say they've never had clogged sewers dug up since starting treatments. Just pour into toilet—half now, the rest six months from now. Won't damage plumbing or affect septic tank action.
No. H700 Root Eliminator $2.49

STAKE UP PLANTS WITHOUT TYING! Patented "Magic Twist" loop at the top of slender steel stakes holds plant stems firmly without tying. No pressure, no injury to plants. Green enamel finish blends with rock garden, window boxes, all garden plants.
No. H776 18 (6 ea.) 6", 12" and 18" Stakes $1.50
No. H777 Set of 12, 24" Stakes $1.69

READY-TO-FLY RUMBA KITE is red, white and blue plastic parachute that literally dances into the sky! Sure to fly every time. Big 36" across, with plastic tail strips almost 9 feet long. Nothing to assemble, nothing to break; just tie on string and fly!
No. T674 Rumba Kite 79c
No. T675 400 ft. String 35c

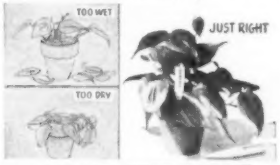
GAY GARDEN BOOTS keep your feet dry and floors clean in any weather. Just slip them on for gardening, slip them off before you go into the house — leave mud, snow, water, dirt and grass clippings outside! Soft latex with crepe soles—easy to slip on and off over your shoes — comfortable without shoes. A quick rinse under the faucet cleans them inside and out! Cheery kelly green, in all ladies' sizes.

No. N713	Boots, small (sizes 4-6)	$2.98 pair
No. N714	Boots, medium (sizes 6-8)	
No. N715	Boots, large (sizes 8½-10)	

START YOUR SEEDS AND CUTTINGS in Jiffy Pots for the best plants you've ever grown! The 2¼" diameter pots of imported peat have plant food in the walls, give both flowers and vegetables a superb start. Transplanting is safe, easy. You just plant the pot. Improved aeration brings faster growth with less water.
No. H782 Jiffy Pots, pkg. of 24 ..... 89c
No. H783 Jiffy Pots, pkg. of 100 .....$2.19

GET RID OF MOLES AND GOPHERS. Here's the humane way to get rid of these little fellows that do so much damage! Moles and gophers can't tolerate the ground vibrations of Klippety-Klop windmills—they leave your garden to stay. No traps, no poisons. Two mills clear an average city lot. Durable wood and metal construction. A garden ornament when painted.
No. H775 Klippety-Klop Windmill, each $3.49
Set of two $5.49

CLEAN SEPTIC TANKS AND CESSPOOLS automatically with Walter Drake's Septic-Tank Activator; no fuss or digging. Activator liquefies wastes, leaves tank clean and able to operate properly. Contains bacteria and enzymes, the only effective septic tank activators. Can't harm pipes, pets or people. Just pour into toilet once a month. 6 month supply in handy one-treatment packets.
No. H707 Septic-Tank Activator $2.98



SHOWS WHEN TO WATER PLANTS! Keep plants flourishing with Floragardes—moisture indicators that you put and leave in the soil of each flower pot or planter. Indicator stripes are pink when soil-moisture is right; they turn blue as the soil dries, giving notice before your plant gets thirsty.
No. H105 Floragardes.....7 for $1.00

FREE CATALOGUE sent with each order or on request. Shows hundreds of other useful items for home, garden, gifts, etc.

Walter Drake & Sons
1003 Drake Bldg., Colorado Springs, Colo.

PLEASE PRINT

WE SHIP WITHIN 24 HOURS!
GUARANTEE: Your money back if you are not pleased.

Stock No.	How Many?	Name of Article	Price	Amount

NAME

ADDRESS

CITY ZONE STATE

Total enclosed

Colorado residents add 2% sales tax

Please add NOTHING for postage
Walter Drake pays the postage.

Please — no C.O.D. It costs you at least 50c extra and makes more work for us.

Flower Grower CLASSIFIED ADVERTISING

RATES: 75¢ PER WORD for first 20 words. 40¢ per additional words. Minimum order $15.00 per single issue. Special headings $1.50 each. **20% off** for 3 to 5 consecutive issues, same copy; **30% off** for over 5 consecutive issues. CASH WITH ORDER. No agency commissions. Address: Flower Grower Classified Dept., 99 N. Broadway, Albany 1, N. Y.

African Violets

SEE MY ADVERTISEMENT page 88. Illustrated catalog contains valuable cultural advice. **FREE**: MRS. JENNIE SPOUTZ, 34300 Moravian Drive, Fraser, Michigan.

AMERICA'S FINEST—Beautiful color catalogue free on request. See our ad page 6. **FISCHER GREENHOUSES**, Dept. C F., Linwood, New Jersey.

AFRICAN VIOLET SOCIETY invites you to join. Members services: African Violet magazine quarterly, contains authoritative information on growing, insects, diseases, hybridizing, newest varieties, annual convention. Write for free brochure. **THE AFRICAN VIOLET SOCIETY OF AMERICA, INC.**, Dept. H., P. O. Box 1326, Knoxville, Tenn.

AFRICAN VIOLETS—Plants, rooted-cuttings, leaves. Send dime for list. Refund on first order. **KROGMAN'S VIOLETRY**, 1365 E. Parkway Dr., Brookfield, Wis.

ROOTED LEAVES. A postcard brings list of newest varieties you cannot afford to miss. **DOROTHY K. ATKINSON**, 1702 Grove Avenue, North Chicago, Ill.

AFRICAN VIOLET SEED "SPECIAL" $3.00. Contains 200 hybrid seeds (assorted colors, girl-types, doubles), planter, growing mixture and complete instructions. **JAMES FAILEY**, 605 West 77th St., Indianapolis 26, Indiana. African Violet Seed lists available.

HARDY VIOLETS . . . BALLERINA! Glamorous offspring Princess Wales - Royal Robe. Three for $2.00, postpaid. **VISTA VIOLET FARM**, 1211 Monte Vista, Vista, Calif.

AFRICAN VIOLETS: Special offer—6 popular varieties, $1.50 postpaid. Send for new 1959 list. **VOLKMANN BROS. GREENHOUSES**, 4742 Denton Drive, Dallas 19, Texas.

INTRODUCTORY SPECIAL: 3 rooted cuttings—$1.00, 6 leaves—$1.00 labeled. Offer expires April 15. **DONNA COLE**, 8062 Corunna Rd., Flint 4, Michigan.

AFRICAN VIOLETS—Young plants 12/$5.00. Leaves: 50/$4.25 (newer, 30/$6.50). List: 25¢ (refundable) 250 described—growing hints. **EFOULKES**, Dept. FG, 610 Bryan, Jacksonville 2, Florida.

QUALITY VIOLET LEAVES—$3.50 Special postaid. Air Waves, Blue Peak, Bon Bon, Bridesmaid, Viv, Doll, Pink Cheer, Little Sweetheart, Lavenda, White Pride, Show Knight, Red Wing, Reflection. **WRIGHT'S VIOLETRY**, 4922 221 Street, Bayside 61, New York. (Free List)

African Violet Blossomer

NU-BUD is the happy answer for your non-blooming African Violets. Very effective, clean, easy to use. (Now available also—the remarkable vitality—infusing "regular" food, NU-GRO.) $1.00 each postpaid. **CLAREL**, 8008 S. Ashland, Chicago 20, Illinois.

African Violet Supplies

AFRICAN VIOLET SUPPLIES, Soil, pots, insecticides, charcoal, labels, wicking. Complete line, catalog. **NEIL MILLER**, Penns Grove 2, New Jersey.

Amaryllis

IMPORTED DUTCH AMARYLLIS: Ludwig, Warmenhoven and VanMeerwen strains. Price list including many new varieties for this season. **ROBERT GOEDERT**, Box 6534, Jacksonville 5, Florida.

Azaleas

AZALEAS, Glenn Dale and Gables, **CAMELLIAS**, including Williamsiis, **RHODODENDRONS** in variety. Liners to finished plants. Free catalog. **MILLARD HENNY**, Brooks, Oregon.

Baby Evergreens

BABY EVERGREENS, SEEDS, SEEDLINGS, ornamentals and Xmas tree stock. Azaleas, Rhododendrons, Flowering shrub, Blueberries. Catalog Free. **GIRARD BROS. NURSERY**, Geneva, Ohio.

BABY EVERGREENS—Seedlings, transplants, Christmas tree stock. Price list free. Quality stock. **NEUNER'S NURSERY**, 368 Etcher Road, Pittsburgh 2, Pa.

Begonias

AMERICAN BEGONIA SOCIETY offers twelve issues of THE BEGONIAN published monthly plus cultural bulletin and seeds to new members. $2.50. Address Department FG, 1415 Acacia Avenue, Torrance, Calif.

Books

GARDEN BOOKS—all horticultural and related titles available. For complete list write: **BOTANICA BOOKS**, Box 275, Dept. F, Morris Plains, New Jersey.

GARDEN BOOKS, UNUSUAL, old and new. Send for free list. **HORN'S BOOKSTORE**, 1145B No. Fulton, Fresno 4, Calif.

"LONGMIRE'S PROPAGATION SECRETS" never told. Illustrated copy, $2.00. Original "Donner Party" sweet corn—50¢ packet, cash; history sent. **LEN MIRZWICK**, 315 Piper St., Healdsburg, Calif.

Bulbs

BULBS FROM HOLLAND. Catalogue offering hundreds of varieties of TULIPS, DAFFODILS, HYACINTHS, CROCUSES etc. will be sent on application. **J. HEEMSKERK** c/o **P. Van Deursen**, Sassenheim, Holland.

BEGONIAS, GLADS, DAHLIAS; all types and colors. Delphinium and other perennial seeds. Catalog free. **SWAYNE'S GARDENS**, Box 109, Puyallup, Wash.

Business Opportunities

$30-$60 WEEKLY Addressing envelopes at home. Instruction $1.00, refundable. **REISS**, 210 Fifth Avenue, Suite 1102-K, New York 10.

GROW ORCHIDS AT HOME. Profitable, fascinating. Successful home grower explains special light, temperature and humidity conditions orchids need. **Free**—full details. **ORCHIDS**, 100 S. Vermont, Los Angeles 4.

GROW EXPENSIVE HERBS for us! Big profits home-business of your own. Year around profitunity! We supply everything necessary! Send for free rare seeds and revealing plan. (State your age). **NATIONAL HERB EXCHANGE**, Dept. MH Gardena, Calif.

BECOME A LANDSCAPE SPECIALIST: Increase your earning power in 8 to 12 mo. Easy, authoritative home-study method. Modern landscape and garden design, horticulture, construction, drafting. Successful graduates. 42nd yr. Catalog. **AMERICAN LANDSCAPE SCHOOL**, Dept. 1239, 4010 42nd St., Des Moines 10, Iowa.

NOW! EASY-TO-SEW, Factory short cuts give custom look to "made-at-home" clothes. Save and earn money while learning exciting new methods. For free information on this unique home study training write: **GOOD DRESS-MAKING INSTITUTE**, Dept. FC-39, 11826 San Vicente Blvd., Los Angeles 49, Calif.

DOLLS! DOLLS! DOLLS! We teach you to repair, make, sell all kinds of dolls and accessories including clothing. Study at home. Earn while you learn. Diploma. Free catalog. **DOLL HOSPITAL SCHOOL**, Studio FC-39, 11826 San Vicente Blvd., Los Angeles 49, Calif.

LEARN FLOWER ARRANGEMENT & FLORISTRY. Start your own business, part or full time. Many good paying positions open. Earn while learning. Send for FREE book. **NATIONAL FLORAL INSTITUTE**, Studio FC-39, 11826 San Vicente Blvd., Los Angeles 49, Calif.

BE A LANDSCAPE CONTRACTOR. Make $20 to $60 a day. Start with smaller projects and work into larger jobs. We show you how. Easy-to-follow Home Study Course. Write for FREE book. **NATIONAL LANDSCAPE INSTITUTE**, Dept. FC-39, 11826 San Vicente Blvd., Los Angeles 49, Calif.

WE PAY $3.50 LB. DRIED. Grow Mushrooms. Cellar, shed and outdoors. Spare, full time, year round. We pay $3.50 lb. Free Book. **MUSHROOMS**, Dept. 20, 2954 Admiral Way, Seattle, Washington.

GROW MINIATURE CACTUS-SUCCULENTS AT HOME. Fascinating, profitable. "How to Grow Them" books and starter collection—$2.00. **CACTUSLAND**, Box 2161, El Monte, Calif.

CLEANS WINDOWS without mess. Strange "dry" cleaning cloth. Replaces liquids. Windows gleam. Samples sent on trial. **KRISTEE** 107, Akron, Ohio.

Cactus and Succulents

"CACTUS—SUCCULENTS—How to Grow Them." 64 pages, 64 illustrations, 25¢. Free book list. **CACTUS**, 132 West Union, Pasadena, Calif.

CACTUS AND SUCCULENTS—The finest quality nursery grown plants are offered in our new 1959 catalogue. Send 10¢ to **GATES CACTUS, INC.**, Box 247, Corona, Calif.

FASCINATING CACTI & SUCCULENTS. Lovely assortment of either. 10 sturdy plants, postpaid—$2.50. Named, instructions, price list. Ideal for planters. **CACTUS CASTLE**, Box 583W, La Puente, Calif.

Caladiums

GET YOUR BULBS from the originator of many new varieties, including the new lance type leaves. More than 150 varieties to choose from, list for the asking. **JOYNER'S CALADIUM SPECIALISTS**, 404 Fisher Drive, Ocala, Fla., Dept. B.

FANCY LEAF CALADIUMS—No. 1 size, 12 different varieties labeled—$3.50, unlabeled $3.00, mixed colors, 25—$5.00, No. 2 size 100—$12.00. **ROBERT GOEDERT**, Box 6534, Jacksonville 5, Florida.

FANCY LEAVED CALADIUM BULBS, named or mixed. Per dozen ¾ inch—$1.25; 1 inch—$1.75; 1½ inch—$2.25; 2 inch—$2.75. Special prices per 100. **CLARENCE REHRIG**, Dept. G, 1505 State Road 17, Sebring, Florida.

Camellias

CAMELLIAS in gallon cans: 4 choice varieties, blooming size, $5.00, express collect. Free color catalog. **ABBOT'S NURSERY**, Rt. 4, Box 550-B, Mobile, Ala.

Cannas

CANNAS—OLD AND NEW varieties, 10¢ to $1.50. **HAZEL MILHOAN**, Rt. 1, Box 240, Bossier City, La.

Carnations

NEW! NEW! NEW! TANGERINE CARNATION PP No. 1734. Beautiful new ORANGE colored carnation! Special offer—3 for $2.95; $1.25 ea. Other fine **CARNATIONS** 3 for $1.50; 12 for $5.50. **GERBERA DAISIES**—3 for $1.50; 12 for $4.95. **BIRD OF PARADISE** (STRELITZIA REG.) $1.50 ea. **PETER & PAM**, Box 4281, San Fernando, Calif.

CARNATIONS FOR THE HOBBY GREENHOUSE. Send for free growing instructions and price list. **BAURSTEINKAMP & CO.**, Station A, Box 88106, Indianapolis 8, Ind.

Chrysanthemums

RARE SPIDERY FUJI CHRYSANTHEMUMS, 2 each 6 kinds, $3.00. Poms, Singles, Buttons, 2 each 10 kinds, $3.00. Labeled. Prepaid. **GABLES NURSERY**, Haralson, Ga.

CHRYSANTHEMUMS: Rooted cuttings and potted plants. All types Standards, Spiders, Decoratives, Greenhouse and Garden varieties. Free Catalog. **DAVID L. NORVELL GREENHOUSES**, Dept. 1A, E. 2529 N. Altamont Blvd., Spokane 32, Washington.

HARDY MUMS—Sixty varieties: All colors and types. Trial: 5 for $1.00—Free Folder. **GERALD THON**, 25 W. Golf, Arlington Heights, Illinois.

HARDY GARDEN CHRYSANTHEMUMS—200 popular varieties, catalog free. Special offer—20 plants, $2.35—postpaid. **ELM TREE PERENNIAL FARM**, Southington, Connecticut.

OUTSTANDING HARDY MUMS for brilliant garden color and quantities of cut flowers. Newest creations from across the nation. Oregon to New Hampshire. Other colorful perennials. List. **PINE-CROFT NURSERIES**, Exeter 2, New Hampshire.

PRIZEWINNING CHRYSANTHEMUMS: 200 varieties—Large, Spiders, Spoons, Intermediates, Pompoms, Buttons, Anemones, Singles, Cushions. List. 24 Large (4 varieties) Labeled—$3.00. 48 Intermediates (8 varieties) Unlabeled—$3.00. 48 Pompoms (8 varieties) Unlabeled—$3.00. 18 Assorted (18 varieties) Unlabeled—$3.00. 50 Assorted — each different — Unlabeled — $6.00. Postpaid. **MRS. H. G. WOODS**, Route 3, Box 35, Donalsonville, Georgia.

CHRYSANTHEMUMS—free catalog describing new importations from Japan. Spiders, 130 others and our new introductions. **OMAR COLES**, Magnolia, N. J.

BIG 6"-8" FOOTBALL MUMS 25—$3.50 postpaid. Spiders, Pompoms, same price. Other flowers. Free list. **ROGERS FLOWERS**, Lexington, S. C.

12 BEAUTIFUL VARIETIES OF GARDEN MUMS including one new introduction $1.00. Northern grown and sure to bloom this year. **GOWEN'S GARDENS**, Rt. 5, Excelsior, Minn.

GIANT BIRD MUMS: Pink Seagull, Cuckoo, Thrasher, Teal, Macaw, Woodluck, Chickadee. 7 Labeled $2.00. 7 not labeled $1.10. **T. H. HUGHES**, Russellville, Ala.

Clematis

BEAUTIFUL LARGE-FLOWERING perennial vines, easy to grow, hardy, wide range of colors and varieties. Write for FREE color catalog today. **JAMES I. GEORGE & SON, INC.**, Fairport 22, N. Y.

Corsage Making Supplies

THE BEST Corsage making materials are so inexpensive. Free illustrated catalog. **DOROTHY BIDDLE SERVICE**, Dept. FG-108, Hawthorne, New York.

Crimson King Maple

CRIMSON KING MAPLE—2 feet trees, $2.50. Pink Flowering Dogwood—2 feet trees, $2.00. Red or Pink Flowering Crabapple—3 ft. whips, $1.00. Red Bud—3 ft., $1.00. Write for price list. **GLOBE NURSERIES**, Dept. FG 359, McMinnville, Tenn.

Cuprous Oxide

CUPROUS OXIDE—Prevents, reduces damping off, check stem canker, diseases. Packet enough for 2 lbs. seed, $1.00 postpaid. **WOODLOT SEED CO.**, Norway 15, Michigan.

Dahlias

FOR THE BEST in Dahlias at a new low price. **BROOKSIDE DAHLIA GARDENS** 12861 - 98th Ave., N. E., Kirkland, Wash. Catalogue on request.

DAHLIAS SPECIAL. Golden Treasure send 50 cts.-coin or stamps for one root. Write for free catalogue. **HILL DAHLIA NURSERIES**, 187 Welch, Battle Creek, Mich.

FEATURING NEW VARIETIES both domestic and foreign, also the good old ones. Free catalogue. **NICKELS GARDENS**, 3520 E. 110th, Seattle 55, Wash.

CHOICE DAHLIAS. Large selection of prize-winning varieties. Write for price list. **SMITH'S DAHLIA GARDENS**, 13216 138th Ave., S. E., Renton, Washington.

DAHLIAS: Ask for list of 60 varieties. One each of 8 varieties $3.25 postpaid. **MOSES NURSERIES**, Box 41, Lima, New York.

NEW AND STANDARD DAHLIA VARIETIES—Beauty spot of your garden. Also Australian dahlia seed. Free list. Best for less. **HAUGH DAHLIA GARDENS**, 215 7th St., Wellsville, Ohio.

SPECIAL SELECTION OF "A" size Dahlias, Australian and American varieties. Prices Right. List on request. **HANNA DAHLIA GARDENS**, Dept. F., Clayton, New Jersey.

DAHLIAS—POMS, MINIATURES and Giants. List Free. **HOLLAND DAHLIA GARDENS**, 120th Avenue, Holland, Mich.

DAHLIA CLOSE OUT SALE, Wholesale and retail. Lowest prices. Free catalog. **BARRETTS GARDENS**, Route 2, Box 302, Roswell, New Mexico.

GIANT DAHLIAS, six assorted $2.35. Newer kinds six for $3.85, postpaid. Free list. **KUNZMAN DAHLIAS**, Daisy Lane, New Albany, Indiana.

PRICES BEST EVER; finest varieties. Barbara Marshall, Cover Girl, Croyden Masterpiece, Kelvin, etc. **SEQUOIA GARDENS**, 134 Lyell St., Los Altos, Calif.

DAHLIAS: The best of the New, the choicest of the Old. Price list. FREE. **CRONACHER DAHLIA GARDENS**, Ironton, Ohio.

DOWN THE DAHLIA PATH offers collection of 100 newest, finest world wide Dahlias. Descriptive catalog. **EMELENE M. COLE**, 194 No. 9th, Coos Bay, Oregon.

Dahlia Seed

CALIFORNIA SUN RIPENED SEED. 150 varieties. Choice, large, cactus, small. $1.00 per hundred. Roots reasonably priced. Send for list. **H. POPE**, 3200 Liberty Ave., Alameda, California.

Daylilies — Hemerocallis

40 DIFFERENT DAYLILIES $5.00; 12 different $2.00—pink, majenta, red, gold, lemon, eyed-many reblooners. For $5.00 receive 10 reblooners including: **E. Claar**, Salmon Sheen, Cosette, **Naranja**, Potentate. I'll select multi-colored collection. Your hints welcomed. **TOM CRAIG**, R. 4, Box 315, Escondido, Calif.

DAYLILIES, OFFER I. Pink Damask, Pink Dream, Pink Prelude, Pink Satin, Salmon Sheen, Show Girl. One each postpaid for $6.50. Offer 2. Gay Lark, Picture, The Doctor, Wideyed, one each for $10.00. Free list. **M. T. YOUNG**, Tallulah, La.

LONG-BLOOMING HEMEROCALLIS (24-48 hours) and botanical Gladiolus my specialty. Either list free. **PHILIP O. BUCH**, 106 Rockaway Ave., Rockaway, New Jersey.

DAYLILIES—SPRING SALE. Deduct 25% from the catalog prices. Best varieties. Catalog. **MRS. TRACIE CHEATHAM**, 315 South 4th, Danville, Ky.

Evergreens

DON'T MISS THIS SENSATIONAL OFFER—20 Evergreens of your choice, $10.95, prepaid. Write for list of other bargains. B. & B. Evergreens and flowering shrubs, GRANT'S NURSERY, Rt. 2, Caledonia, Miss.

EVERGREENS, AZALEAS, RHODODENDRONS in baby sizes. Ornamental shrubs, trees, hollies. Send for free Spring Catalog. GREEN RIDGE NURSERY, Madison 4, Ohio.

JAPANESE SPURGE. Pachysandra terminalis, a beautiful evergreen ground cover. 100 plants $10.00, 250 plants $23.75, 500 plants $44.00. Shipped postpaid. HOUCHIN FLOWERS, 7151 Harrison St., Crown Point, Indiana.

Florida Homesites

$10 DOWN, $10 MONTHLY buys your homesite in Central Florida's finest retirement and vacation community in the high ridge section near Sebring. On 84 square mile Highlands Lake. Free community parks and beaches. Get Free color brochures, house plans; learn how we help you plan, finance, build your low cost, tax-exempt home. Write: FLORIDA REALTY BUREAU, INC., Dept. A-5, Lake Placid, Florida.

Florist School

ARE YOU INTERESTED IN FLORISTRY? Intensive one-week course taught by experienced professional floral artists conducted in southeastern area. Moderately priced! Brochure G upon request to: R. W. MACFARLAND, Louisburg, North Carolina.

Flower Arrangers Supplies

CAREFULLY SELECTED EQUIPMENT for flower arrangement and corsages at lowest prices. Free Illustrated catalog. DOROTHY BIDDLE SERVICE, FG-109, Hawthorne, New York.

NATURAL DRIED FOLIAGE. Complete line of Artificial flower materials, Florist supplies. Buy Direct. Catalog 25¢. BOYCAN INDUSTRIES, Dept. GF, Sharon, Penna.

DRIFTWOOD INSTRUCTIONS, finishing, uses, and basic rules for Flower Arrangers, with photos, $1.00. Start a Mail order Business from home, twelve years' experience, $1.00. ABC Box 217, Auburn, Calif.

2 DOZEN SPRING ANGEL FEATHERS $1.00. "Fun with Flowers" booklet—25¢. Or request free price list on floral supplies. THE FLORAL KIT, P. O. Box 938 FG, Santa Cruz, California.

Flower Bulbs

BUY DIRECT FROM GROWER, low prices. Cannas, Caladiums, Tuberoses, Amaryllis, Tuberous Begonias, Gloxsia, Gladiolus, others. Free catalog. Satisfaction guaranteed. GILL BULB COMPANY, Boston, Georgia.

Garden Tractors

SENSATIONAL GARDEN TRACTOR. Hoes between plants and rows, including strawberries. Eliminates hand hoeing. Standard in size, yet entirely different. Patent 2712840. Also tills. Fantastic offer to first few inquiries. AUTO HOE, DePere 38, Wisconsin.

4-HP GARDEN ROTARY TILLER AND TRACTOR—Combined $115.00. Special winter offer: Grass weed mower attachment—$30.00, Riding sulky—$29.00, Snow plow—$10.00, etc., UNIVERSAL MFG. CO., 324 West Tenth, Indianapolis 2, Ind.

Geraniums

ZONAL GERANIUM CATALOG 10¢. Finest varieties. Novelties, Dwarfs, Fancy-leaved. HOLMES C. MILLER, 280 West Portola Avenue, Los Altos, California.

500 CHOICE VARIETIES. Zonals, Odd, Unusual, Rare, Ivyleaf, Scentedleaf, Fancyleaf, Lady Washington, Dwarfs. Catalog 25¢. COOKS GERANIUM NURSERY, Sterling, Kansas.

Gladiolus

GLADIOLUS. Ask for our list of 200 varieties of All America, novelty, miniature and standard varieties. MOSES NURSERIES, Box H, Lima, New York.

GLADS FROM HOLLAND. Catalogue of the newest and of the best trade—varieties free on demand. J. HEEMSKERK c/o P. VAN DEURSEN, Sassenheim, Holland.

HAVE YOU SEEN SUGAR ELF? Finest cut flower Salmon Gladiolus. Can cut every one. Colored catalogue January—Free. Also miniatures. Write: VENNARD NURSERY, Box 394F, Sioux City, Ia.

INTRODUCING NEW GLADIOLUS by Ralph Baerman—You should grow these new beauties originated by America's leading gladiolus hybridizer. Stocks will be released while small to enable you to make real money. Send for our list today, featuring these in color, since 1922. REDWOOD NURSERIES, P. O. Box 587, Salem Oregon.

ALL AMERICA GLADS, plus the newest and finest originations in the world. Listing the Exotics and Dragon Glads, Fairyland creations for collectors. A postal card will bring my free 1959 catalogue promptly. BRUCE COLLINS, 8844 River Road, Utica, Mich.

WORLD'S MOST BEAUTIFUL GLADS, Giants and Miniatures, Doubles and Dragons. Prize winning Peonies. Free Catalog. LINS GLAD FARM, Cologne, Minn.

GLADIOLUS FOR PLEASURE, profit or shows. Our descriptive catalogue tells all. Get one Wholesale—Retail. WOODSIDE GLADIOLUS GARDENS, Webster, New York.

BRIGGS GROWN GLADS—DAHLIAS. Free catalog includes giant and miniature glads, exhibition dahlias, perennials. First quality, state-inspected. FAIRHAVEN GARDENS No. 2, Dept. 20, Memphis, Missouri.

SIX NEW GLADS FOR 1959—Produced by Ralph Baerman, America's leading hybridist. Send for our list showing these in color and get your start while stocks are small. Many other fine offerings. WEEKS GLADIOLUS GARDENS, 3132 Broadway, Salem, Oregon.

THIS AD MUST ACCOMPANY ORDER. One each of 35 newer large flowering ruffled varieties. More than $5.00 value in anybody's catalog. Includes Lorelei, the big prize-winner. No. 1 bulbs in full range of color. One unlabelled collection per customer, subject to prior sale for $1.95 postpaid. WENWOOD GARDENS, Lincoln 5, Nebraska.

50 MIXED FANCY GLADIOLI bulbs 1-1¼ inch size $1.50 or 100 for $2.75 postpaid. H. J. WESTERHOVEN & SON, Rt. 1, Benton Harbor, Michigan.

Hardy Verbena

DAZZLING RED—Pure white and apple blossom, field grown plants. 12 for $1.75—25 for $3.25—50 for $6.00 postpaid. MRS. KATE HARRELL, Box 173, Fayetteville, Georgia.

Herbs

HERB PLANTS AND SEEDS: Complete listing of herbs. Pioneers in herb growing. 10¢ for attractive catalog. THE POTTERS OF BARABOO, Baraboo, Wisc.

Holly Trees

HOLLY TREES—Send for free booklet full of information on how you can grow Holly. EARLE DILATUSH, Holly Specialist, Robbinsville, New Jersey.

Hotbed Heaters

HEATERS that circulate warm air in your hotbed. Easily installed anytime. Write, H. R. RAWSON, 4228 Highland, Downers Grove, Ill.

House Plants

HOUSE OF RARE PLANTS: 1000 varieties. Complete collections—Begonias, Geraniums, Herbs. Illustrated catalog 25¢. List free. MERRY GARDENS, Camden, Maine.

GESNERIA, BEGONIAS, FERNS, Novelties, Tropicals, General line house plants, specials for carry out trade. Free list. YOARS GREENHOUSES, Bunker Hill, Indiana.

FIVE PLANTS—$1.00 POSTPAID. Cissus Rhombifolia, Fan Ivy, Impatiens variegated, Pellionia pulchia, Rosebud Begonia. TROPICALS, 9222 Orange Avenue, Anaheim, Calif.

BOUGAINVILLEA, CAMELLIA, CROTON, Gardenia, Hibiscus, Ixora, Jasmine, well established, average nine inches, excellent gift, $1.25 each, 3 for $3.00 postpaid. PHILIP PATE, Kissimmee 10, Florida.

NEW ILLUSTRATED CATALOG—25¢. Complete cultural instructions! 600 varieties, old and new, including beautiful, rare exotics. BARRINGTON GREENHOUSES, Box 85, Barrington, N. J.

FREE LIST OF FANCY FUCHSIAS, BEGONIAS, Geraniums, Garden Mums, Pot Mums, Unusual Japanese Mums. TOTEMEIERS GREENHOUSES, New London, Iowa.

Impatiens

IMPATIENS SULTANII—50 colors, Giants, Dwarfs, Variegated, colored eyes, Fancy leaf, Coleus. List 25¢. 10 different cuttings $1.50, 5 plants $1.50 plus postage. EMIL RIEBE, Elberta, Ala.

Iris

40 DIFFERENT IRIS OR DAYLILIES $5.00. 12 different $2.00—pink, red, brown, etc. Many rebloomers. Catalog. TOM CRAIG, R. 4, Box 315, Escondido, Calif.

40 ASSORTED COLORS including pink, unlabeled—$5.00. 20 different labeled $5 postpaid. Free bargain list. SEVILLE IRIS GARDENS, Statesville, N. C.

10 DIFFERENT MODERN IRISES—$3.95 postpaid. $8.00 value. Labeled. No C.O.D. Free catalog. BLUE RIBBON IRIS GARDENS, 9717 West 55th St., Dept. FG, LaGrange, Illinois.

JAPANESE IRIS (KAEMPFERI). Large blooming size divisions, assorted colors. 10 for $3.50, 100 for $20.00, prepaid. V. W. WILSON, Rte 3, Savannah, Ga.

IRISES OF DISTINCTION. 13th year. The best for less. Free catalog. EASY BREEZE GARDENS, 1421-F North 16th Avenue, Yakima, Wash.

Lawn Grass

MEYER OR EMERALD ZOYSIA (Certified). Enough to plant 2,000 square feet postpaid $15.00. LAWN GRASSES, Abbeville, Alabama.

Leathercraft

FREE "DO-IT-YOURSELF" Leathercraft Catalog. TANDY LEATHER COMPANY, Box 791-L28, Fort Worth, Texas.

Lilacs

FINEST FRENCH & NOVELTY LILACS, all on own roots. Price list free; color catalog 20¢ coin or 4¢ stamps. UPTON NURSERY, Dept. C, 4838 Spokane, Detroit 4, Mich.

Lilies

PINK SHELBURNE LILIES. Easy to grow Regal Lilies in shades of pink. Special winter offer: flowering size 85¢ each; larger $1.50. Planting size, five for $2.00. GARDENSIDE Shelburne, Vermont.

Magazines

MAIL TRADE MAGAZINE has many moneymaking sparetime income opportunities. Sample copy 25¢ JOSEPH DONOVAN, 79-FG Greenbelt Lane, Levittown, New York.

Miscellaneous

LIFETIME GARBAGE CAN RACK—Holds can secure from dogs, wind. Neat—compact. Free literature, dealers inquiries also invited. DON HOLTON, Fixboro, Wis.

"BACKWOODS JOURNAL"—Wildflowers, Birds, Hiking, Fishing, Nature, Illustrated, $1.00 year, 20¢ copy. LOG CABIN LIFE, Old Forge 5, New York.

Mushrooms

MUSHROOMS Easier, quicker, cheaper. Preplanted Ready-to-grow trays, beds. Literature Free. Spawn $1.00. LUXCOM, 641 South 19th, Newark 3, N. J.

Music—Songwriters

POEMS WANTED FOR MUSICAL SETTING and recording. Send poems for free examination. CROWN MUSIC CO., 49-FG West 32 Street, New York.

Myrtle

VINCA MINOR (Evergreen Ground Cover) Clumps 10-20 leads, 25¢ each, $15.00 Hundred. WEDDINGTON & SON, 4414 Holston Drive, Knoxville, Tenn.

Nursery Stock

GROW YOUR OWN FRUIT. Plant fruit and nut trees for shade and ornamental effect, also enjoy fresh fruit and nuts from the home grounds. Write for Free copy 56-page Planting Guide Catalog in color—offered by Virginia's largest growers of fruit trees, nut trees, berry plants, grape vines and landscape plant material. WAYNESBORO NURSERIES, Waynesboro, Virginia.

Of Interest To Women

SEW APRONS AT HOME for stores. No charge for material to fill orders. In our fourth successful year. Write: ADCO MFG. CO., Bastrop 8, Louisiana.

HOUSEWIVES—earn $60 weekly at home. No selling. Dignified work. OPPORTUNITIES, P. O. Box 8057, Ft. Worth, Texas.

MAKE MONEY AT HOME assembling our items. Experience unnecessary. LEE MFG., 466 S. Robertson, Los Angeles 48, Calif.

MAKE $25-$50 WEEK, clipping newspaper items for publishers. Some clippings worth $5.00 each. Particulars free. NATIONAL, 81-FG, Knickerbocker Station, New York City.

$200. MONTHLY POSSIBLE, Sewing babywear! Easy—big demand! No house selling! Free information. Send name to CUTTIES, Warsaw 101, Indiana.

FREE CATALOG OF MEXICAN IMPORTS. Handtooled purses, shoes, etc. plus many gifts from around the world. Save 50% and more. Write: NORTHERN IMPORT COMPANY, Reed City 25, Michigan.

Orchids

12 VANDA JOAQUIM orchid plants $5—postpaid. Should bloom within 6 months. SAMUEL F. PRESNER, Box 10, Coral Gables 34, Florida.

GROW ORCHIDS AT HOME. Profitable, fascinating. Successful home grower explains special light, temperature and humidity conditions orchids need. Free—full details. ORCHIDS, 100 S. Vermont, Los Angeles 4.

GET ACQUAINTED SPECIAL: one each Cattleya trianae hybrid, Oncidium and Epidendrum. All full blooming size—$6.75 plus surprise and instructive bulletin of other tropicals free with order, otherwise 10¢. EVERGLADES ENTERPRISES, A Friendly Firm, Box 811-IAB, Miami, Florida.

WHO SAYS YOU CAN'T GROW ORCHIDS? $1.00 buys Illustrated folder featuring "Black Orchid" on cover. 22 articles on all phases Orchid care. Sowing seed to making corsages; dividing, repotting plants to propagating back bulbs. Easy to understand. No technical double-talk. Your Orchid Folder expands to make room for more articles and listings sent periodically. DANIEL RYERSON—FLORIDA GROWN ORCHIDS, Box 805, Homestead, Florida.

BLOOMING AGE ORCHID PLANTS—Large corsage type, $3.50 up, plus postage. Order from this ad or send for list of varieties. Free growing instructions. Many satisfied purchasers. C. M. KILIAN, 210 Yorkshire Drive, Birmingham 9, Ala.

Pansies

SUPER SWISS GIANTS—Husky plants, mixed colors. 50—$2.00, 100—$3.00 postpaid. LEE'S PANSIES, Rt. 1, Box 272, Tyler, Texas.

STEELE'S JUMBOS, the world's best. Transplants in bud and bloom. 50—$3.00, 100—$5.50, postpaid, 500—$15.00. Express Collect. WARD'S PANSY GARDENS, 6028 Houston Rd., Macon, Georgia.

Peonies

TWO RED FERNLEAVED PEONIES $4.00. Two red, pink, or lilac tree peonies $4.00. Free list. ATHA GARDENS, West Liberty 5, Ohio.

Perennials

ANY FOUR PERENNIALS, $1 ppd. Gaillardia Portola Tritoma (Torch Lily); rich colors. Catalog. SKY MEADOW NURSERY, Box 777, Greenfield, California.

Plastic Pots

ROUND OR SQUARE PLASTIC POTS 2½": 25—$1.25, 50—$2.25, 100—$4.00. 3": 25—$1.50, 50—$2.75, 100—$5.25. 3½": 25—$1.75, 50—$3.25, 100—$6.00. 4": 25—$2.00, 50—$3.75, 100—$7.25. Trays, saucers, jiffies, squatties. WILSON'S (12), Rt. 3, Austell, Georgia.

Praying Mantis

IMMEDIATE DELIVERY. PRAYING MANTIS egg cases (about 250 eggs) $1.00, 4—$3.00. MINCEMOYER, c/o Ritter, 554 Kinderkamack, River Edge, N. J.

PRAYING MANTIS EGG CASES 4 FOR $1.00 PPD. Each will hatch 200 or more Mantis, destroys insects. Instructions—Red Davis, PILGRIM GARDENS, Box 43, Drexel Hill, Pa.

PRAYING MANTIS EGG CASES—10 cents each, $7.50 per 100. This is a native species. Postage appreciated. L. R. MURRAY, Aquila 1, Arizona.

Primroses

"PARTICULARLY GOOD READING" says Good Housekeeping magazine of Barnhaven's book-catalog picturing their world famous, hardy, Silver-Dollar Primroses. Art work and contents as new and beautiful as the primroses it offers for the shadier parts of your garden. Year round springtime is in each copy—yours for 25¢ in coin. BARNHAVEN, Gresham, Oregon.

GARDEN PRIMROSES. Special offer—Ten mature plants, five varieties, $3.00 postpaid. List on request. SKY HOOK FARM, Johnson, Vermont.

Prize Awards

PRIZE AWARDS for Flower Shows. Write for samples and prices to THE HORNER PRESS, P. O. Box 85, Rutledge, Del. Co., Pennsylvania.

Rhododendron

RHODODENDRON MAX, Mt. Laurel, Hemlock, Holly, Flame Azalea, Red Maple, Dogwood and Red Cedar. 2-4 ft. 10—$4.00; 25—$9.00; 100—$30.00. J. F. NORRIS, Butler, Tenn., R. 4.

RHODODENDRON (carolinianum), Mountain Ivy, Native Azaleas, White Pine, Dogwood, Spruce 3-4 Ft. Heavily Rooted. Wet sph., moss packed. 100 $32.50. Dozen $7.50 prepaid. List Free. NATURE'S GREENHOUSE, Tallulah Falls, Ga.

Rosebushes

ROSEBUSHES, GUARANTEED TO LIVE AND BLOOM! 2 year old top grade. Best of all the old fashioned, patented and standard varieties. Write for our FREE full color rose folder and price list today! ROSEMONT NURSERIES, Dept. FG, Box 839, Tyler, Texas.

Roses

ROSES, 2 YR. FIELD GROWN, LOW AS 25¢. Flowering shrubs, evergreens, shade trees 25¢ up. Fruit trees as low as 20¢. Nuts, blueberries, strawberries, Grapevines 10¢. Quality stock can't be sold lower. Write for Free color catalog and $2.00 Free bonus information. TENNESSEE NURSERY CO., Box 8, Cleveland, Tenn.

LEADING VARIETIES on 2 year old field grown monthly blooming roses. Write for prices. Business established in 1900. FAIRVIEW NURSERY, Tyler, Texas.

YEWS FOR A LIFE-TIME OF BEAUTY

Voted the best evergreen by the American Nurserymen's Association

HATFIELD YEW—Upright, compact, rich green
HICKS YEW—Best Evergreen for Hedges
SPREADING YEW—Margin of Plantings
$1.95 per 10 $18.00 per 100

Well Rooted—Easily Grown

Not less than 10 of each variety. Orders of $3.90 or over Postpaid. Orders under $3.90 add 25c. Write for complete list which includes older stock, Rhododendrons and Azaleas. Directions with every order. No C.O.D.

PINE GARDENS

49 Pine Avenue Milton 86, Mass.

Specialists in Yews for over 35 years

How YOU Can Grow BEAUTIFUL ROSES

A complete, illustrated handbook and guide, compiled by FLOWER GROWER editor and publisher John R. Whiting. Fascinating to both beginner and experienced gardener.

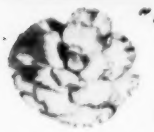
75¢ at your newsstand! Or order direct, at 10¢ additional per copy, from Fawcett Books, Dept. FG, Greenwich, Connecticut. (Sorry, no Canadian orders.)

WHAT ROSES will perform best in your garden? Read the American Rose Annual to find out. Get your copy now (and 12 issues of the American Rose Magazine) plus membership in the American Rose Society, all for $5.50. Send check to

AMERICAN ROSE SOCIETY

Dept. F 5 Columbus 14, Ohio

YOU TOO CAN GROW . . . LOVELY TUBEROUS BEGONIAS



"It's the Stock"

THAT PRODUCES 7" to 8" DIAM. BLOOMS FROM OREGON'S FAMOUS ALPINE GARDENS

An array of beautiful Begonias come to you in these 3 popular varieties . . .

• PICOTEE • CAMILLA • RUFFLED

(Planting Instructions Included)

JUMBO 7.50 Doz. LARGE 5.00 Doz.

Assortment includes 12 choice colors in the 3 varieties mentioned. Postage paid.

USE ORDER BLANK ALSO FOR COLOR CATALOG

ALPINE BEGONIA GARDENS
RHODODENDRON, OREGON

Enclose M.O. or Check

Send me ..... Doz. Jumbo ☐ Doz. Large ☐
☐ Free Color Catalog

Name .....

Address .....

.....

MINIATURE ROSES—European hybrids, grow 8-12" tall with 1" blooms: Midget, Tom Thumb, Sweet Fairy, Cinderella—4 for $5.50, plant food & instructions included. Complete list free. JOHN THUMB, P. O. Box 432-F, Portland 7, Oregon.

Seeds

LEWISIA TWEEDYII—Much sought Mountain Rose of the West. $1.00 per packet. Complete cultural instructions. CHARLES THURMAN—Route No. 6—Spokane, Washington.

FRESH SEEDS—100 Jap. Chrysanthemum hybridized seeds, giant incurved mixed or spider types mixed. $5.00 each. 100 giant Double Decorative or Cactus Indian Dahlia seeds picked from special giants mixed—$5.00 each. 200 Mammoth Double Gerbera seeds in finest mixed colors—$5.00. Seeds sown early spring flower same year resulting in many outstanding novelties and prize winners at shows. Results will show it is very cheap. Sent by Air Post free. Terms—Cash. THE CHANDRA NURSERY, P. O. Rhenock, Sikkim, India.

Seeds 'n' Greetings

NEW! SEEDS 'n' GREETINGS mailed as a postcard . . . Received as a gift. Send them to friends or plant them yourself. Box of 10 (2 packets each) Olde Tyme Herb seeds; Chives, Sage, Borage, Sweet Basil, Thyme. $2.50 ppd. Perkie Grow-It-Yourself Handbook—25¢ or Free With Order. IVY HILL FOREST, Dept. FA, Cockeysville, Maryland.

Sempervivums

COLORFUL HEN AND CHICKS 10 varieties. Labeled prepaid. $4.00. Over 100 varieties. "Make a Hobby of Hardy Sempervivums." MACPHERSON GARDENS, 2920 Starr, Toledo 5, Ohio.

Star Of The Desert

WANT SOMETHING DIFFERENT? This hardy quick blooming annual will grace your garden with many metallic-hued flower heads atop 3 foot elegantly leaved stalks. Send $1 for 20 seeds air mailed to your door. STAR OF THE DESERT, Box 432, Scottsdale, Arizona.

Strawberries

GIANT BRITISH SOVEREIGN STRAWBERRIES from Canada now available. Berries almost large as eggs . . . plants grow 18 inches high, 3 feet across. Write for brochure. Exclusive importer—MAYNARD JACOBSON, Littleton, Colorado.

STRAWBERRIES. Newest varieties—Earlidawn, Surecrop, Redglow from U.S.D.A.; Jerseybelle from New Jersey. Allen's 1959 Berry Book tells about these and other leading varieties and how to grow them. Copy free. Write today. W. F. ALLEN CO., 12 Pine Street, Salisbury, Maryland.

Strawberry Plants

STRAWBERRY PLANTS—Allen's 1959 Berry Book tells best varieties for home and market, and how to grow them. Free Copy. Write today. W. F. ALLEN COMPANY, 12 Pine Street, Salisbury, Maryland.

STRAWBERRY PLANTS, VIRUS FREE plants necessary for Biggest Crops of Best Berries. Allen's 1959 Berry Book tells about these superior plants—now available in all leading varieties. Write today. Copy free. W. F. ALLEN COMPANY, 12 Pine Street, Salisbury, Maryland.

Trees and Shrubs

RARE SHRUBS AND TREES—Dove Tree, Skimmia, Osmanthus, Cherry Laurel, Chinese Witch-hazel, Sarcococca, others. Open weekends only. Write for list. WOODLAND NURSERY, Hendricks Road, Perkiomenville, RD No. 1, Penna.

Vegetable Plants

TOMATO, CABBAGE, ONION PLANTS. Also Pepper, Lettuce, Broccoli, Eggplant, Cauliflower, Sweet Potato. Free Color Catalog with Bargain Offers. Write today. PIEDMONT PLANT CO., Dept. 209, Albany, Ga.

Verbena

VERBENA. Dazzling Red, Apple Blossom, Lavender, Pink, Candy Stripe, Dark Velvet red, white. Hardy Perennial field grown certified plants—dozen $2.00, 25—$3.50, 50—$6.00 shipped postpaid. MRS. L. G. BAGWELL, Rt. 1, Fayetteville, Georgia.

Violets

FRAGRANT VIOLETS—5 Royal Robe, giant long stemmed purple; 4 Rosena, dainty long blooming pink; 3 dollars, postpaid. Bulletin. CAPITOLA VIOLET GARDEN, 309 Crystal, Capitola, Calif.

SWEET SCENTED—10 plants—$3.00 post-paid. 4 Giant Royal Elk; 3 De Parme, French perfume; 3 Rosina, pink. HAPPY VALLEY VIOLET FARM, 3718-F Old San Jose Rd., Santa Cruz, California.

Waterlilies

WATER LILIES: Outstanding savings. $4.98 collection prepaid. Includes 3 lilies, 4 bog plants. Catalogue. WATER GARDENS; Box 1; Johnstown, Pennsylvania.

Wildflowers

NATIVE WILDFLOWERS: Rhododendrons, azaleas, evergreens, shrubs, trees, perennials, orchids, ferns, vines. Free catalogue. THREE LAURELS, Marshall, North Carolina.

WILDFLOWERS AND FERNS, many kinds, to brighten a shady nook. Also young ornamentals for low-cost home landscaping. Send now for free catalogue. WAKE ROBIN FARM, Box 33-C, Home, Pennsylvania.

BEAUTIFUL NATIVE PLANTS of the Great Plains—Rock garden and border: Penstemons, creeping Phloxes, Evening Primroses, Clematises, Violets, Astragali, Antennarias, Asters, Daisies, etc. Hardy Cacti, Shrubs, Bulbs, Seeds. Free Catalog. CLAUDE A. BARR, Prairie Gem Ranch, Smithwick, South Dakota.

WILDFLOWERS AND FERNS. Order yours now, for spring planting. At reasonable prices. Catalog free. THOMAS M. WOOD, Constantia, New York.

WILDFLOWERS, FERNS, PERENNIALS for sun, shade and problem areas. Many rare varieties. Free descriptive list. WOODLAND ACRES NURSERY, Crivitz, Wis.

WILDFLOWER SEEDS AND PLANTS. Many rare varieties. Send for list. LESLIES WILDFLOWER NURSERY, 30 Summer Street, Methuen, Mass.

HEPATICA, BLOODROOT, Twinleaf, dozen $2.00; dozen mixed $2.50. Periwinkle evergreen groundcover, dozen $1.50, postpaid. HENDERSONS BOTANICAL GARDENS, Greensburg, Indiana.

FAMILY WANTED

to enjoy family fun edition of new 1959 ROSE GROWERS HANDBOOK. An average family discovers roses. Not a catalog—32 pages of brand new exciting things to do with roses. Crafts, flower arranging, landscaping, etc. Send name, address and 25c in coin to HOWARDS OF HEMET, P. O. Box 1622 Hemet, California.

THE WORLD'S FINEST

RHODODENDRONS

HARDY HYBRID AZALEAS

Catalog describes and illustrates one of the nation's largest collections of choice hybrids, all sizes. Larger plants budded for spring bloom. Send 10¢ to cover mailing cost.

IRVING B. LINCOLN

1309 S. W. Washington St. Portland, Oregon

COLORADO BLUE SPRUCE

Select 3 yr., 6-10" plants. Grow into outstanding trees as boundary markers, windbreakers, etc. Densely pyramidal—from bluish-green to shining blue. Prefers sun.

Postpaid planting time

25 for $3.75

MUSSER FORESTS Box 7-C Indiana, Pa.

DAHLIAS

Newest and best of outstanding quality and beauty. Our *free* 64 page DAHLIA BLUE BOOK lists 400 of all types, sizes and colors, fully described, 100 illustrations, complete cultural directions. Send name and address now if not on our mailing list.

ROCKY RIVER DAHLIA GARDENS

Dept. F Columbia Station, Ohio

KRIDER'S "GLORIES of the GARDEN"

New 64-PAGE COLOR CATALOG FREE

Get Krider Vigor Treated Plants

Shows and describes all of the newest and best things for your garden. FREE to garden lovers on request. Write for YOUR copy!

KRIDER NURSERIES, Inc.
Box 639 Middlebury, Indiana

AFRICAN VIOLETS

BEGINNERS COLLECTION 5/$4.00

Catalog lists many new and older varieties. BULB SPECIALS: Achimenes 15/$1.00. Fine Amaryllis Hybrids 90¢ each, 3/$2.50. New Frilled "T" Begonias 10/$2.60. Gloxinias 10/$3.75. Free catalog listing hundreds of plants and bulbs for house and garden.

CECIL HOUDYSHEL

Dept. F LaVerne, Calif.

WILD FLOWERS and FERNS

Many kinds, to brighten a shady nook. Ferns for many uses. Also young ornamental Trees and Shrubs for low-cost landscaping.

Send now for Free Catalogue.

WAKE ROBIN FARM

Box 33-F Home, Penna.

Send for America's Most Complete

IRIS COLOR GUIDEBOOK

700 varieties for year-round bloom. Newest tall bearded, rare species, strange hybrids. Hardy mountain-grown stock. Full-color. Unique Do-It-Yourself help. Send 25¢ for new 1959 edition. Get expensive Iris free with first order.

RAINBOW Hybridizing GARDENS

Dept. F-3, Placerville, California

THE HOME OF RARE TREES

Quercus Imbricaria—shingle Oak 6'-8'	$18.00
True Hardy Cedar of Lebanon 3-4'	14.00
Beautiful Weeping Laburnum 6-7'	25.00
Maackia Amurensis 4-5'	8.00

BRIMFIELD GARDENS NURSERY

245 Brimfield Road Wethersfield, Conn.

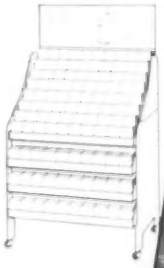
Yours! A whole season of bloom and perfume with Northrup King's

Peppermint Pinks

This is the spring to brighten your yard with pinks! Enjoy their gay colors and piquant perfume by a doorway, in a corner planting, or along a foundation. Revel in fragrant bouquets, too!

Northrup King's new "Peppermint Pinks" run a gamut of shapes and colors: shy single pinks, showy doubles . . . fringy edges as well as smooth . . . demure pastels, flaunting reds, sparkling two-tones. Easy to grow? Yes! And you can count on long, lavish bloom!

Where can you buy Peppermint Pinks? *Only* at your Northrup King Seed Rack. It's one of Northrup King's 1959 "Garden Winners" . . . choice flower varieties in special cellophane-wrapped packets.



NORTHRUP KING SEEDS NK

MINNEAPOLIS 13, MINNESOTA • BOISE, IDAHO • FRESNO, CALIFORNIA

Jackson & Perkins

ORIGINATORS OF GREAT NEW ROSES SINCE 1872

now offers 5 brand new creations

FASHIONETTE
Fragrant 3½" Coral Blooms by the Hundreds

FASHIONETTE

AT LAST! A REALLY FRAGRANT FLORIBUNDA!

(Pl. Pat. #1563) Lovely pastel coral color . . . suffused with shimmering gold. Hundreds of very fragrant, hybrid-tea-shaped 3½" blooms. Very easy to grow. Available at all florists. **$2.50 ea.; 3 for $6.60**

IVORY FASHION

WINNER OF 1959 ALL-AMERICA ROSE TRIALS!

(Pl. Pat. #1688) Newest member of J&P's own family of All-America Floribundas! Big 4" flowers – ivory colored with golden stamens. Fragrant, too. Blooms continuously to frost. **$2.75 ea.; 3 for $7.20**

RED WINGS

A NON-FADING RED FLORIBUNDA!

(Pl. P.A.F) What a glorious "red" this is! – a deep rich velvety-red that stands the hot sun without fading. And the flowers last for days and days. Blooms June to frost. **$2.50 ea.; 3 for $6.60**

PINK CHIFFON

A NEW PINK FLORIBUNDA!

(Pl. Pat. #1564) Full 3" hybrid-tea-like blooms are light delicate pink with deeper pink inner petals. Available at all leading florists. **$2.50 ea.; 3 for $6.60**

GOLD COAST

"SWEETEST ALL-PURPOSE YELLOW"

(Pl. P.A.F.) A new yellow Grandiflora – with masses of large 4" blooms. The clean clear yellow color lasts until the petals fall. **$2.50 ea.; 3 for $6.60**

MAIL COUPON TO NEAREST SHIPPING CENTER . . .

Jackson & Perkins Co.
30 Rose Lane
Newark, NEW YORK

OR

Jackson & Perkins of Calif.
30 Rose Lane
Pleasanton, Calif.

Please send me, at the proper planting time for my locality, the following Roses:

_____FASHIONETTE ($2.50 ea; 3 for $6.60; 12 for $26.40)
_____IVORY FASHION ($2.75 ea; 3 for $7.20; 12 for $28.80)
_____RED WINGS ($2.50 ea; 3 for $6.60; 12 for $26.40)
_____PINK CHIFFON ($2.50 ea; 3 for $6.60; 12 for $26.40)
_____GOLD COAST ($2.50 ea; 3 for $6.60; 12 for $26.40)

Include, FREE with my order, your helpful "Home Garden Guide". I enclose $_____in full payment.

Print Name.....

Address.....

City.....Zone....State.....

This offer good in U.S.A. only

2 J&P ROSE CENTERS TO SERVE YOU

IF YOU LIVE IN Arizona, California, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington or Wyoming – send order to:
JACKSON & PERKINS CO. of CALIF. Pleasanton, Calif.

IF YOU LIVE ANYWHERE ELSE IN THE UNITED STATES – send your order to:
JACKSON & PERKINS CO. Newark, NEW YORK

JACKSON & PERKINS CO.

World's Largest Rose Growers—Newark, NEW YORK